

# Paul B Colditz

## List of Publications by Year in descending order

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Version: 2024-02-01

225  
papers

8,161  
citations

71102

41  
h-index

62596

80  
g-index

232  
all docs

232  
docs citations

232  
times ranked

8553  
citing authors

#	ARTICLE	IF	CITATIONS
1	Combined hypothermia and mesenchymal stem cells in animal models of neonatal hypoxic-ischaemic encephalopathy: a systematic review. <i>Pediatric Research</i> , 2022, 92, 25-31.	2.3	3
2	Neurovascular Unit Alterations in the Growth-Restricted Newborn Are Improved Following Ibuprofen Treatment. <i>Molecular Neurobiology</i> , 2022, 59, 1018-1040.	4.0	8
3	Predictors of Maternal Bonding and Responsiveness for Mothers of Very Preterm Infants. <i>Journal of Clinical Psychology in Medical Settings</i> , 2022, , 1.	1.4	1
4	Safety of sibling cord blood cell infusion for children with cerebral palsy. <i>Cytotherapy</i> , 2022, 24, 931-939.	0.7	4
5	Early Motor Repertoire of Very Preterm Infants and Relationships with 2-Year Neurodevelopment. <i>Journal of Clinical Medicine</i> , 2022, 11, 1833.	2.4	9
6	Brain outcomes in runt piglets: a translational model of fetal growth restriction. <i>Developmental Neuroscience</i> , 2022, , .	2.0	1
7	Electroencephalographic studies in growth-restricted and small-for-gestational-age neonates. <i>Pediatric Research</i> , 2022, 92, 1527-1534.	2.3	4
8	Neonatal EEG seizure detection using a new signal structural complexity measure based on matching pursuit decomposition with nonstationary dictionary. <i>Computer Methods and Programs in Biomedicine</i> , 2022, 224, 107014.	4.7	4
9	Clinical tools used in young infants born very preterm to predict motor and cognitive delay (not) Tj ETQq1 1 0.784314 rgBT /Overlock	2.1	22
10	Early clinical and MRI biomarkers of cognitive and motor outcomes in very preterm born infants. <i>Pediatric Research</i> , 2021, 90, 1243-1250.	2.3	9
11	Longitudinal Analysis of Lung Function in Pregnant Women with and without Asthma. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 1578-1585.e3.	3.8	7
12	Automating Quantitative Measures of an Established Conventional MRI Scoring System for Preterm-Born Infants Scanned between 29 and 47 Weeksâ€™ Postmenstrual Age. <i>American Journal of Neuroradiology</i> , 2021, 42, 1870-1877.	2.4	0
13	Combination of human endothelial colony-forming cells and mesenchymal stromal cells exert neuroprotective effects in the growth-restricted newborn. <i>Npj Regenerative Medicine</i> , 2021, 6, 75.	5.2	7
14	Missing out on precious time: Extending paid parental leave for parents of babies admitted to neonatal intensive or special care units for prolonged periods. <i>Journal of Paediatrics and Child Health</i> , 2021, , .	0.8	1
15	Early Gut Microbiota Colonisation of Premature Infants Fed with Breastmilk or Formula with or without Probiotics: A Cohort Study. <i>Nutrients</i> , 2021, 13, 4068.	4.1	11
16	Effect of Treatment of Clinical Seizures vs Electrographic Seizures in Full-Term and Near-Term Neonates. <i>JAMA Network Open</i> , 2021, 4, e2139604.	5.9	25
17	Body composition in very preterm infants before discharge is associated with macronutrient intake. <i>British Journal of Nutrition</i> , 2020, 123, 800-806.	2.3	11
18	Brain microstructure and morphology of very preterm-born infants at term equivalent age: Associations with motor and cognitive outcomes at 1 and 2 years. <i>NeuroImage</i> , 2020, 221, 117163.	4.2	17

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19	Automated cotâ€side tracking of functional brain age in preterm infants. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 891-902.	3.7	33
20	Prediction of childhood brain outcomes in infants born preterm using neonatal MRI and concurrent clinical biomarkers (PREBO-6): study protocol for a prospective cohort study. <i>BMJ Open</i> , 2020, 10, e036480.	1.9	11
21	Predicting motor outcome in preterm infants from very early brain diffusion MRI using a deep learning convolutional neural network (CNN) model. <i>NeuroImage</i> , 2020, 215, 116807.	4.2	41
22	Single group multisite safety trial of sibling cord blood cell infusion to children with cerebral palsy: study protocol and rationale. <i>BMJ Open</i> , 2020, 10, e034974.	1.9	7
23	Ibuprofen Treatment Reduces the Neuroinflammatory Response and Associated Neuronal and White Matter Impairment in the Growth Restricted Newborn. <i>Frontiers in Physiology</i> , 2019, 10, 541.	2.8	26
24	Docosahexaenoic acid supplementation of preterm infants and parent-reported symptoms of allergic disease at 7 years corrected age: follow-up of a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2019, 109, 1600-1610.	4.7	6
25	A Randomized Trial of Baby Triple P for Preterm Infants: Child Outcomes at 2ÂYears of Corrected Age. <i>Journal of Pediatrics</i> , 2019, 210, 48-54.e2.	1.8	17
26	Effect of Delayed Cord Clamping on Cerebral Oxygenation in Very Preterm Infants. <i>Neonatology</i> , 2019, 115, 13-20.	2.0	6
27	Neuropathology in intrauterine growth restricted newborn piglets is associated with glial activation and proinflammatory status in the brain. <i>Journal of Neuroinflammation</i> , 2019, 16, 5.	7.2	42
28	A novel multivariate phase synchrony measure: Application to multichannel newborn EEG analysis. , 2019, 84, 59-68.		17
29	Depression, posttraumatic stress and relationship distress in parents of very preterm infants. <i>Archives of Women's Mental Health</i> , 2018, 21, 445-451.	2.6	54
30	Fixel-based analysis reveals alterations in brain microstructure and macrostructure of preterm-born infants at term equivalent age. <i>NeuroImage: Clinical</i> , 2018, 18, 51-59.	2.7	52
31	Relationship between very early brain structure and neuromotor, neurological and neurobehavioral function in infants born <math>\geq 31</math> weeks gestational age. <i>Early Human Development</i> , 2018, 117, 74-82.	1.8	28
32	Reply:. <i>American Journal of Neuroradiology</i> , 2018, 39, E40-E41.	2.4	0
33	Identification and expression of a unique neonatal variant of the GABAA receptor $\beta 3$ subunit. <i>Brain Structure and Function</i> , 2018, 223, 1025-1033.	2.3	1
34	Therapeutic potential to reduce brain injury in growth restricted newborns. <i>Journal of Physiology</i> , 2018, 596, 5675-5686.	2.9	14
35	Diagnostic accuracy of early magnetic resonance imaging to determine motor outcomes in infants born preterm: a systematic review and metaâ€analysis. <i>Developmental Medicine and Child Neurology</i> , 2018, 60, 134-146.	2.1	17
36	What is the optimal frequency range for quantifying slow EEG activity in neonates? Insights from power spectra. <i>Clinical Neurophysiology</i> , 2018, 129, 143-144.	1.5	4

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37	Seizures Are Associated with Blood-Brain Barrier Disruption in a Piglet Model of Neonatal Hypoxic-Ischaemic Encephalopathy. <i>Developmental Neuroscience</i> , 2018, 40, 560-575.	2.0	11
38	PREDICTING ATTENDANCE OF A PREVENTIVE PARENTING INTERVENTION FOR VERY PRETERM INFANTS. <i>Infant Mental Health Journal</i> , 2018, 39, 699-706.	1.8	3
39	Background EEG features and prediction of cognitive outcomes in very preterm infants: A systematic review. <i>Early Human Development</i> , 2018, 127, 74-84.	1.8	20
40	Delayed Versus Immediate Cord Clamping in Preterm Infants. <i>Obstetrical and Gynecological Survey</i> , 2018, 73, 265-266.	0.4	3
41	Reduced blood volume decreases cerebral blood flow in preterm piglets. <i>Journal of Physiology</i> , 2018, 596, 6033-6041.	2.9	6
42	Mother-Very Preterm Infant Relationship Quality: RCT of Baby Triple P. <i>Journal of Child and Family Studies</i> , 2017, 26, 284-295.	1.3	17
43	GABA receptor expression and white matter disruption in intrauterine growth restricted piglets. <i>International Journal of Developmental Neuroscience</i> , 2017, 59, 1-9.	1.6	20
44	Predominant slow EEG activity in healthy neonates: Transient thalamo-cortical dysrhythmia?. <i>Clinical Neurophysiology</i> , 2017, 128, 233-234.	1.5	3
45	Validation of an MRI Brain Injury and Growth Scoring System in Very Preterm Infants Scanned at 29- to 35-Week Postmenstrual Age. <i>American Journal of Neuroradiology</i> , 2017, 38, 1435-1442.	2.4	32
46	Review: Neuroinflammation in intrauterine growth restriction. <i>Placenta</i> , 2017, 54, 117-124.	1.5	64
47	Review: The blood-brain barrier; protecting the developing fetal brain. <i>Placenta</i> , 2017, 54, 111-116.	1.5	100
48	Developmental Changes in Expression of GABA <sub>A</sub> Receptor Subunits $\alpha 1$ , $\alpha 2$ , and $\alpha 3$ in the Pig Brain. <i>Developmental Neuroscience</i> , 2017, 39, 375-385.	2.0	5
49	Delayed versus Immediate Cord Clamping in Preterm Infants. <i>New England Journal of Medicine</i> , 2017, 377, 2445-2455.	27.0	228
50	A spatio-temporal atlas of neonatal diffusion MRI based on kernel ridge regression. , 2017, , .		3
51	Baby Triple P for Parents of a Very Preterm Infant: A Case Study. <i>Journal of Child and Family Studies</i> , 2017, 26, 633-642.	1.3	1
52	Targeting inflammation to reduce brain injury in growth restricted newborns: A potential treatment?. <i>Neural Regeneration Research</i> , 2017, 12, 1804.	3.0	0
53	The Breathing for Life Trial: a randomised controlled trial of fractional exhaled nitric oxide (FENO)-based management of asthma during pregnancy and its impact on perinatal outcomes and infant and childhood respiratory health. <i>BMC Pregnancy and Childbirth</i> , 2016, 16, 111.	2.4	45
54	PREMM: preterm early massage by the mother: protocol of a randomised controlled trial of massage therapy in very preterm infants. <i>BMC Pediatrics</i> , 2016, 16, 146.	1.7	16

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55	Inotropes do not increase cardiac output or cerebral blood flow in preterm piglets. <i>Pediatric Research</i> , 2016, 80, 870-879.	2.3	16
56	Neonatal seizures are associated with redistribution and loss of $\gamma$ -GABA <sub>A</sub> subunits in the hypoxic-ischaemic pig. <i>Journal of Neurochemistry</i> , 2016, 139, 471-484.	3.9	21
57	Early prediction of typical outcome and mild developmental delay for prioritisation of service delivery for very preterm and very low birthweight infants: a study protocol. <i>BMJ Open</i> , 2016, 6, e010726.	1.9	17
58	EEG background features that predict outcome in term neonates with hypoxic ischaemic encephalopathy: A structured review. <i>Clinical Neurophysiology</i> , 2016, 127, 285-296.	1.5	74
59	Intrapartum fetal scalp lactate sampling for fetal assessment in the presence of a non-reassuring fetal heart rate trace. <i>The Cochrane Library</i> , 2015, 2015, CD006174.	2.8	51
60	PPREMO: a prospective cohort study of preterm infant brain structure and function to predict neurodevelopmental outcome. <i>BMC Pediatrics</i> , 2015, 15, 123.	1.7	29
61	Prem Baby Triple P: a randomised controlled trial of enhanced parenting capacity to improve developmental outcomes in preterm infants. <i>BMC Pediatrics</i> , 2015, 15, 15.	1.7	23
62	Neurodevelopmental outcomes at 7 years' corrected age in preterm infants who were fed high-dose docosahexaenoic acid to term equivalent: a follow-up of a randomised controlled trial. <i>BMJ Open</i> , 2015, 5, e007314-e007314.	1.9	84
63	Subgaleal haemorrhage in the newborn: A call for early diagnosis and aggressive management. <i>Journal of Paediatrics and Child Health</i> , 2015, 51, 140-146.	0.8	23
64	Classification of fetal movement accelerometry through time-frequency features. , 2014, , .		6
65	Detection of neonatal EEG burst-suppression using a time-frequency approach. , 2014, , .		1
66	Increased progression to kidney fibrosis after erythropoietin is used as a treatment for acute kidney injury. <i>American Journal of Physiology - Renal Physiology</i> , 2014, 306, F681-F692.	2.7	35
67	EFFICACY OF PREVENTATIVE PARENTING INTERVENTIONS FOR PARENTS OF PRETERM INFANTS ON LATER CHILD BEHAVIOR: A SYSTEMATIC REVIEW AND META-ANALYSIS. <i>Infant Mental Health Journal</i> , 2014, 35, 630-641.	1.8	29
68	Neonatal hypoxic-ischaemic encephalopathy: what lies ahead?. <i>Developmental Medicine and Child Neurology</i> , 2014, 56, 1033-1033.	2.1	0
69	Non-invasive monitoring of fetal movements using time-frequency features of accelerometry. , 2014, , .		10
70	Fetal pulse oximetry for fetal assessment in labour. <i>The Cochrane Library</i> , 2014, 2014, CD004075.	2.8	60
71	School-age Outcomes of Very Preterm Infants After Antenatal Treatment With Magnesium Sulfate vs Placebo. <i>JAMA - Journal of the American Medical Association</i> , 2014, 312, 1105.	7.4	88
72	Neonatal EEG at scalp is focal and implies high skull conductivity in realistic neonatal head models. <i>NeuroImage</i> , 2014, 96, 73-80.	4.2	53

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73	Safety of EEGâ€“fMRI recordings in newborn infants at 3T: A study using a baby-size phantom. <i>Clinical Neurophysiology</i> , 2014, 125, 941-946.	1.5	11
74	Parenting and Prematurity: Understanding Parent Experience and Preferences for Support. <i>Journal of Child and Family Studies</i> , 2014, 23, 1050-1061.	1.3	61
75	Are parenting interventions effective in improving the relationship between mothers and their preterm infants?. , 2014, 37, 131-154.		56
76	Passive detection of accelerometer-recorded fetal movements using a timeâ€“frequency signal processing approach. , 2014, 25, 134-155.		32
77	Magnetic resonance diffusion tractography of the preterm infant brain: a systematic review. <i>Developmental Medicine and Child Neurology</i> , 2014, 56, 113-124.	2.1	44
78	Using skin for drug delivery and diagnosis in the critically ill. <i>Advanced Drug Delivery Reviews</i> , 2014, 77, 40-49.	13.7	22
79	Measuring Time-Varying Information Flow in Scalp EEG Signals: Orthogonalized Partial Directed Coherence. <i>IEEE Transactions on Biomedical Engineering</i> , 2014, 61, 680-693.	4.2	70
80	Automated detection of perinatal hypoxia using timeâ€“frequency-based heart rate variability features. <i>Medical and Biological Engineering and Computing</i> , 2014, 52, 183-191.	2.8	13
81	Endogenous angiotensins and catecholamines do not reduce skin blood flow or prevent hypotension in preterm piglets. <i>Physiological Reports</i> , 2014, 2, e12245.	1.7	8
82	Risk determinants in early intervention use during the first postnatal year in children born very preterm. <i>BMC Pediatrics</i> , 2013, 13, 201.	1.7	9
83	Effective implementation of timeâ€“frequency matched filter with adapted pre and postprocessing for data-dependent detection of newborn seizures. <i>Medical Engineering and Physics</i> , 2013, 35, 1762-1769.	1.7	14
84	A timeâ€“frequency based approach for generalized phase synchrony assessment in nonstationary multivariate signals. , 2013, 23, 780-790.		24
85	Spatial patterning of the neonatal EEG suggests a need for a high number of electrodes. <i>NeuroImage</i> , 2013, 68, 229-235.	4.2	64
86	Vibroacoustic stimulation for fetal assessment in labour in the presence of a nonreassuring fetal heart rate trace. <i>The Cochrane Library</i> , 2013, , CD004664.	2.8	17
87	Detection of perinatal hypoxia using time-frequency analysis of heart rate variability signals. , 2013, , .		2
88	Short-Term Doseâ€“Response Characteristics of 2-Iminobiotin Immediately Postinsult in the Neonatal Piglet After Hypoxia-Ischemia. <i>Stroke</i> , 2013, 44, 809-811.	2.0	25
89	Oxygen Saturation and Outcomes in Preterm Infants. <i>New England Journal of Medicine</i> , 2013, 368, 2094-2104.	27.0	424
90	Maturation of Corpus Callosum Anterior Midbody Is Associated with Neonatal Motor Function in Eight Preterm-Born Infants. <i>Neural Plasticity</i> , 2013, 2013, 1-7.	2.2	19

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91	Cerebral blood flow is not affected during perfluorocarbon dosing with volume-controlled ventilation. <i>Journal of Paediatrics and Child Health</i> , 2013, 49, 1010-1018.	0.8	2
92	The MRI-compatible neonatal incubator in practice. <i>Journal of Paediatrics and Child Health</i> , 2013, 49, E377-80.	0.8	7
93	Assessment of Structural Connectivity in the Preterm Brain at Term Equivalent Age Using Diffusion MRI and T2 Relaxometry: A Network-Based Analysis. <i>PLoS ONE</i> , 2013, 8, e68593.	2.5	29
94	A Pig Model of the Preterm Neonate: Anthropometric and Physiological Characteristics. <i>PLoS ONE</i> , 2013, 8, e68763.	2.5	69
95	Prediction of fat-free mass and percentage of body fat in neonates using bioelectrical impedance analysis and anthropometric measures: validation against the PEA POD. <i>British Journal of Nutrition</i> , 2012, 107, 1545-1552.	2.3	74
96	Generalised phase synchrony within multivariate signals: An emerging concept in time-frequency analysis. , 2012, , .		8
97	A passive DSP approach to fetal movement detection for monitoring fetal health. , 2012, , .		11
98	Orthogonalized Partial Directed Coherence for Functional Connectivity Analysis of Newborn EEG. <i>Lecture Notes in Computer Science</i> , 2012, , 683-691.	1.3	9
99	EEG amplitude and correlation spatial decay analysis for neonatal head modelling. , 2012, , .		2
100	Phosphorylation of GFAP is Associated with Injury in the Neonatal Pig Hypoxic-Ischemic Brain. <i>Neurochemical Research</i> , 2012, 37, 2364-2378.	3.3	27
101	Prematurity and parental self-efficacy: The Preterm Parenting & Self-Efficacy Checklist. , 2012, 35, 678-688.		31
102	Performance evaluation of multi-component instantaneous frequency estimation techniques for heart rate variability analysis. , 2012, , .		3
103	Six-week postnatal depression predicts parenting stress profiles in mothers of preterm children. <i>Journal of Reproductive and Infant Psychology</i> , 2012, 30, 303-311.	1.8	14
104	Generalized Mean Phase Coherence for asynchrony abnormality detection in multichannel newborn EEG. , 2012, , .		1
105	Diffusion MRI of the neonate brain: acquisition, processing and analysis techniques. <i>Pediatric Radiology</i> , 2012, 42, 1169-1182.	2.0	48
106	Automatic seizure detection based on the combination of newborn multi-channel EEG and HRV information. <i>Eurasip Journal on Advances in Signal Processing</i> , 2012, 2012, .	1.7	10
107	Instantaneous frequency based newborn EEG seizure characterisation. <i>Eurasip Journal on Advances in Signal Processing</i> , 2012, 2012, .	1.7	15
108	The effects of perfluorocarbon dosing strategy on cerebral blood flow when starting partial liquid ventilation: A randomized, controlled, experimental study. <i>Open Journal of Pediatrics</i> , 2012, 02, 197-213.	0.1	1

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109	Kalman filter-based time-varying cortical connectivity analysis of newborn EEG. , 2011, 2011, 1423-6.		21
110	Analysis of the time-varying cortical neural connectivity in the newborn EEG: A time-frequency approach. , 2011, , .		27
111	Time-frequency characterization of tri-axial accelerometer data for fetal movement detection. , 2011, , .		15
112	Developmental Expression and Distribution of GABA <sub>A</sub> Receptor $\alpha$ 1, $\alpha$ 3 and $\beta$ 2-Subunits in Pig Brain. Developmental Neuroscience, 2011, 33, 99-109.	2.0	12
113	Prem Baby Triple P a new parenting intervention for parents of infants born very preterm: Acceptability and barriers. , 2011, 34, 602-609.		14
114	Ibuprofen inhibits neuroinflammation and attenuates white matter damage following hypoxia-ischemia in the immature rodent brain. Brain Research, 2011, 1402, 9-19.	2.2	45
115	Erythropoietin protects against apoptosis and increases expression of non-neuronal cell markers in the hypoxia-injured developing brain. Journal of Pathology, 2011, 224, 101-109.	4.5	39
116	Pre- and post-term growth in pre-term infants supplemented with higher-dose DHA: a randomised controlled trial. British Journal of Nutrition, 2011, 105, 1635-1643.	2.3	37
117	Determinants of Body Fat in Infants of Women With Gestational Diabetes Mellitus Differ With Fetal Sex. Diabetes Care, 2011, 34, 2581-2585.	8.6	40
118	Accelerometer-based fetal movement detection. , 2011, 2011, 7877-80.		18
119	161 Prenatal Nicotine Exposure Increases the Risk of Neonatal Apnea -A National Birth-Cohort Study. Pediatric Research, 2010, 68, 84-85.	2.3	0
120	A Nonlinear Model of Newborn EEG with Nonstationary Inputs. Annals of Biomedical Engineering, 2010, 38, 3010-3021.	2.5	26
121	Morphological changes in white matter astrocytes in response to hypoxia/ischemia in the neonatal pig. Brain Research, 2010, 1319, 164-174.	2.2	46
122	Differential effects of neonatal hypoxic-ischemic brain injury on brainstem serotonergic raphe nuclei. Brain Research, 2010, 1322, 124-133.	2.2	20
123	Structural remodeling of gray matter astrocytes in the neonatal pig brain after hypoxia/ischemia. Glia, 2010, 58, 181-194.	4.9	32
124	Effect of the dose volume of perfluorocarbon when starting partial liquid ventilation. Journal of Paediatrics and Child Health, 2010, 46, 714-722.	0.8	6
125	Effect of DHA Supplementation During Pregnancy on Maternal Depression and Neurodevelopment of Young Children. JAMA - Journal of the American Medical Association, 2010, 304, 1675.	7.4	462
126	Detection of neonatal seizure using multiple filters. , 2010, , .		2



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127	Influence of EEG artifacts on detecting neonatal seizure. , 2010, , .		3
128	Detecting fetal movements using non-invasive accelerometers: A preliminary analysis. , 2010, , .		11
129	Signal processing applications in clinical newborn medicine to improve health outcomes. , 2010, , .		2
130	Perfluorocarbon Dosing when Starting Partial Liquid Ventilation: Haemodynamics and Cerebral Blood Flow in Preterm Lambs. Neonatology, 2010, 97, 144-153.	2.0	11
131	Body Composition From Birth to 4.5 Months in Infants Born to Non-Obese Women. Pediatric Research, 2010, 68, 84-88.	2.3	88
132	Intrapartum fetal scalp lactate sampling for fetal assessment in the presence of a non-reassuring fetal heart rate trace. , 2010, , CD006174.		32
133	Prevention of Gestational Diabetes. Diabetes Care, 2010, 33, 1457-1459.	8.6	120
134	Rapid loss of glutamine synthetase from astrocytes in response to hypoxia: Implications for excitotoxicity. Journal of Chemical Neuroanatomy, 2010, 39, 211-220.	2.1	37
135	Long-term losses of amygdala corticotropin-releasing factor neurons are associated with behavioural outcomes following neonatal hypoxia-ischemia. Behavioural Brain Research, 2010, 208, 609-618.	2.2	28
136	Seizures are associated with brain injury severity in a neonatal model of hypoxia-ischemia. Neuroscience, 2010, 166, 157-167.	2.3	110
137	Associations between serum cortisol, cardiovascular function and neurological outcome following acute global hypoxia in the newborn piglet. Stress, 2009, 12, 294-304.	1.8	11
138	S-Adenosyl-methionine restores photoreceptor function following acute retinal ischemia. Visual Neuroscience, 2009, 26, 429-441.	1.0	13
139	Neurodevelopmental Outcomes of Preterm Infants Fed High-Dose Docosahexaenoic Acid. JAMA - Journal of the American Medical Association, 2009, 301, 175.	7.4	329
140	Folic Acid Supplementation and Spontaneous Preterm Birth: Adding Grist to the Mill?. PLoS Medicine, 2009, 6, e1000077.	8.4	20
141	Prediction of outcome following hypoxia/ischaemia in the human infant using cerebral impedance. Clinical Neurophysiology, 2009, 120, 225-230.	1.5	8
142	Neurodevelopmental Outcomes of Preterm Infants Fed High-Dose Docosahexaenoic Acid: A Randomized Controlled Trial. Obstetrical and Gynecological Survey, 2009, 64, 297-298.	0.4	4
143	Oscillations in Cardiovascular Function During Acute Hypoxia in the Newborn Piglet Are Associated With Less Neurological Damage and Occur More Frequently in Females. Pediatric Research, 2009, 65, 504-508.	2.3	1
144	Altered white matter diffusion anisotropy in normal and preterm infants at term-equivalent age. Magnetic Resonance in Medicine, 2008, 60, 761-767.	3.0	109

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145	MAP2 provides reliable early assessment of neural injury in the newborn piglet model of birth asphyxia. <i>Journal of Neuroscience Methods</i> , 2008, 171, 140-146.	2.5	28
146	Parental experiences and preferences which influence subsequent use of post-discharge health services for children born very preterm. <i>Journal of Paediatrics and Child Health</i> , 2008, 44, 281-284.	0.8	8
147	Measuring sensorineural disability in preterm children using a public health screening strategy: A randomised controlled trial. <i>Journal of Paediatrics and Child Health</i> , 2008, 44, 424-431.	0.8	2
148	Use of the Ages and Stages Questionnaire to predict outcome after hypoxic-ischaemic encephalopathy in the neonate. <i>Journal of Paediatrics and Child Health</i> , 2008, 44, 590-595.	0.8	44
149	Post-insult minocycline treatment attenuates hypoxia-ischemia-induced neuroinflammation and white matter injury in the neonatal rat: a comparison of two different dose regimens. <i>International Journal of Developmental Neuroscience</i> , 2008, 26, 477-485.	1.6	105
150	The role of C5a in reproductive impairment in the mouse and human. <i>Molecular Immunology</i> , 2008, 45, 4150.	2.2	0
151	Selective Losses of Brainstem Catecholamine Neurons After Hypoxia-Ischemia in the Immature Rat Pup. <i>Pediatric Research</i> , 2008, 63, 364-369.	2.3	34
152	Cytoskeletal Anchoring of GLAST Determines Susceptibility to Brain Damage. <i>Journal of Biological Chemistry</i> , 2007, 282, 29414-29423.	3.4	105
153	Neonatal Seizure Detection and Localization using Time-Frequency Analysis of Multichannel EEG. , 2007, , .		4
154	Multichannel-Based Newborn EEG Seizure Detection using Time-Frequency Matched Filter. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 1265-8.	0.5	7
155	Fetal pulse oximetry for fetal assessment in labour. , 2007, , CD004075.		42
156	Intrapartum Oximetry of the Fetus. <i>Anesthesia and Analgesia</i> , 2007, 105, S59-S65.	2.2	18
157	GLAST1b, the exon-9 skipping form of the glutamate-aspartate transporter EAAT1 is a sensitive marker of neuronal dysfunction in the hypoxic brain. <i>Neuroscience</i> , 2007, 149, 434-445.	2.3	30
158	Newborn EEG seizure detection using optimized time-frequency matched filter. , 2007, , .		1
159	Robust Time-Frequency Analysis of Newborn EEG Seizure Corrupted by Impulsive Artefacts. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2007, 2007, 11-4.	0.5	2
160	A new neonatal seizure detection technique based on the time-frequency characteristics of the electroencephalogram. , 2007, , .		1
161	Increased cerebral lactate during hypoxia may be neuroprotective in newborn piglets with intrauterine growth restriction. <i>Brain Research</i> , 2007, 1179, 79-88.	2.2	21
162	Seizure detection algorithm for neonates based on wave-sequence analysis. <i>Clinical Neurophysiology</i> , 2006, 117, 1190-1203.	1.5	119

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163	Women's Evaluations of Their Experience in a Multicenter Randomized Controlled Trial of Intrapartum Fetal Pulse Oximetry (The FOREMOST Trial). <i>Birth</i> , 2006, 33, 101-109.	2.2	17
164	Clinicians' evaluations of fetal oximetry sensor placement in a multicentre randomised trial (the Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 234-239.	1.0	6
165	A cost-effectiveness analysis of the intrapartum fetal pulse oximetry multicentre randomised controlled trial (the FOREMOST trial). <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2006, 113, 1080-1087.	2.3	9
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