

Deirdre M Murray

List of Publications by Year in descending order

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Version: 2024-02-01

124
papers

4,802
citations

126858

33
h-index

106281

65
g-index

129
all docs

129
docs citations

129
times ranked

6376
citing authors

#	ARTICLE	IF	CITATIONS
1	Iron deficiency during the first 1000 days of life: are we doing enough to protect the developing brain?. <i>Proceedings of the Nutrition Society</i> , 2022, 81, 108-118.	0.4	19
2	Neonatal Seizure Management: Is the Timing of Treatment Critical?. <i>Journal of Pediatrics</i> , 2022, 243, 61-68.e2.	0.9	27
3	Long-term neuropsychological and behavioral outcome of mild and moderate hypoxic ischemic encephalopathy. <i>Early Human Development</i> , 2022, 165, 105541.	0.8	7
4	Maternal Immune Activation and Interleukin 17A in the Pathogenesis of Autistic Spectrum Disorder and Why It Matters in the COVID-19 Era. <i>Frontiers in Psychiatry</i> , 2022, 13, 823096.	1.3	5
5	The predictive value of the ages and stages questionnaire in late infancy for low average cognitive ability at age 5. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2022, 111, 1194-1200.	0.7	6
6	Toward a Digital Health Intervention for Vestibular Rehabilitation: Usability and Subjective Outcomes of a Novel Platform. <i>Frontiers in Neurology</i> , 2022, 13, 836796.	1.1	3
7	Roifman syndrome: a description of further immunological and radiological features. <i>BMJ Case Reports</i> , 2022, 15, e249109.	0.2	3
8	Towards a blueprint for decision support in connected health: scenarios in maternal and child health. <i>Journal of Decision Systems</i> , 2022, 31, 60-76.	2.2	1
9	Periconceptual and prenatal alcohol consumption and neurodevelopment at age two and five years. <i>European Journal of Obstetrics, Gynecology and Reproductive Biology</i> , 2022, 274, 197-203.	0.5	3
10	Study protocol: assessing Sleep IN infants with early-onset atopic Dermatitis by Longitudinal Evaluation (The SPINDLE study). <i>BMC Pediatrics</i> , 2022, 22, .	0.7	0
11	Up-Regulation of Nfat5 mRNA and Fzd4 mRNA as a Marker of Poor Outcome in Neonatal Hypoxic-Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2021, 228, 74-81.e2.	0.9	6
12	Improvement in the Prediction of Neonatal Hypoxic-Ischemic Encephalopathy with the Integration of Umbilical Cord Metabolites and Current Clinical Makers. <i>Journal of Pediatrics</i> , 2021, 229, 175-181.e1.	0.9	17
13	Concurrent validity of a touchscreen application to detect early cognitive delay. <i>Archives of Disease in Childhood</i> , 2021, 106, 504-506.	1.0	5
14	Body Mass Index Trajectories in the First 5 Years and Associated Antenatal Factors. <i>Frontiers in Pediatrics</i> , 2021, 9, 622381.	0.9	2
15	Activin A and Acvr2b mRNA from Umbilical Cord Blood Are Not Reliable Markers of Mild or Moderate Neonatal Hypoxic-Ischemic Encephalopathy. <i>Neuropediatrics</i> , 2021, 52, 261-267.	0.3	1
16	Multichannel EEG abnormalities during the first 6% hours in infants with mild hypoxic-ischaemic encephalopathy. <i>Pediatric Research</i> , 2021, 90, 117-124.	1.1	14
17	Eating behaviour, physical activity, TV exposure and sleeping habits in five year olds: a latent class analysis. <i>BMC Pediatrics</i> , 2021, 21, 180.	0.7	5
18	Effect of Maternal Prepregnancy/Early Pregnancy Body Mass Index and Pregnancy Smoking and Alcohol on Congenital Heart Diseases: A Parental Negative Control Study. <i>Journal of the American Heart Association</i> , 2021, 10, e020051.	1.6	16

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19	Predictive modelling of hypoxic ischaemic encephalopathy risk following perinatal asphyxia. <i>Heliyon</i> , 2021, 7, e07411.	1.4	7
20	Novel Point-of-Care Diagnostic Method for Neonatal Encephalopathy Using Purine Nucleosides. <i>Frontiers in Molecular Neuroscience</i> , 2021, 14, 732199.	1.4	4
21	Behavioral consequences at 5 y of neonatal iron deficiency in a low-risk maternalâ€“infant cohort. <i>American Journal of Clinical Nutrition</i> , 2021, 113, 1032-1041.	2.2	13
22	474â€“..Emotional behavioural development in children with below average cognitive function. , 2021, , .		0
23	Mid-gestation cytokine profiles in mothers of children affected by autism spectrum disorder: a caseâ€“control study. <i>Scientific Reports</i> , 2021, 11, 22315.	1.6	6
24	Below Average Cognitive Abilityâ€“An under Researched Risk Factor for Emotional-Behavioural Difficulties in Childhood. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 12923.	1.2	3
25	Two-Year Neurodevelopmental Outcomes After Mild Hypoxic Ischemic Encephalopathy in the Era of Therapeutic Hypothermia. <i>JAMA Pediatrics</i> , 2020, 174, 48.	3.3	115
26	Impact of therapeutic hypothermia on infantile spasms: an observational cohort study. <i>Developmental Medicine and Child Neurology</i> , 2020, 62, 62-68.	1.1	7
27	The impact of shortâ€“term predominate breastfeeding on cognitive outcome at 5 years. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2020, 109, 982-988.	0.7	14
28	Temporally Altered miRNA Expression in a Piglet Model of Hypoxic Ischemic Brain Injury. <i>Molecular Neurobiology</i> , 2020, 57, 4322-4344.	1.9	12
29	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.	2.7	79
30	Changes in parental smoking during pregnancy and risks of adverse birth outcomes and childhood overweight in Europe and North America: An individual participant data meta-analysis of 229,000 singleton births. <i>PLoS Medicine</i> , 2020, 17, e1003182.	3.9	54
31	Examination of protein intakes at 2-years and weight status and body composition at 5-years in the Cork BASELINE Birth Cohort. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	0.4	0
32	Long-lasting behavioural consequences of neonatal iron deficiency in high-risk children. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	0.4	0
33	Neonatal Hypoxia Ischaemia and Individual Differences in Neurodevelopmental Outcomesâ€“Reply. <i>JAMA Pediatrics</i> , 2020, 174, 803.	3.3	1
34	Adherence to the infant vitamin D supplementation policy in Ireland; data from two longitudinal, prospective birth cohort studies. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	0.4	0
35	A detailed exploration of early infant milk feeding in a prospective birth cohort study in Ireland: combination feeding of breast milk and infant formula and early breast-feeding cessation. <i>British Journal of Nutrition</i> , 2020, 124, 440-449.	1.2	11
36	Title is missing!. , 2020, 17, e1003182.		0

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37	Title is missing!. , 2020, 17, e1003182.		0
38	Title is missing!. , 2020, 17, e1003182.		0
39	Title is missing!. , 2020, 17, e1003182.		0
40	Title is missing!. , 2020, 17, e1003182.		0
41	Title is missing!. , 2020, 17, e1003182.		0
42	Biomarkers in neonatal hypoxicâ€“ischemic encephalopathyâ€”Review of the literature to date and future directions for research. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2019, 162, 281-293.	1.0	32
43	Difference between body composition of formula- and breastfed infants at birth. Journal of Developmental Origins of Health and Disease, 2019, 10, 616-620.	0.7	1
44	New charts for the assessment of body composition, according to air-displacement plethysmography, at birth and across the first 6 mo of life. American Journal of Clinical Nutrition, 2019, 109, 1353-1360.	2.2	52
45	Association between caesarean section delivery and obesity in childhood: a longitudinal cohort study in Ireland. BMJ Open, 2019, 9, e025051.	0.8	32
46	Ophthalmic outcomes following neonatal hypoxic ischaemic encephalopathy; oculomotor, biometric and refractive data in early childhood. Eye, 2019, 33, 1152-1157.	1.1	3
47	Groupâ€“based trajectory modelling for BMI trajectories in childhood: A systematic review. Obesity Reviews, 2019, 20, 998-1015.	3.1	73
48	Maternal body mass index, gestational weight gain, and the risk of overweight and obesity across childhood: An individual participant data meta-analysis. PLoS Medicine, 2019, 16, e1002744.	3.9	291
49	The relationship between IGF-I and -II concentrations and body composition at birth and over the first 2 months. Pediatric Research, 2019, 85, 687-692.	1.1	4
50	Impact of maternal body mass index and gestational weight gain on pregnancy complications: an individual participant data metaâ€“analysis of European, North American and Australian cohorts. BJOG: an International Journal of Obstetrics and Gynaecology, 2019, 126, 984-995.	1.1	327
51	Altered Expression of Umbilical Cord Blood Levels of miR-181b and Its Downstream Target mUCH-L1 in Infants with Moderate and Severe Neonatal Hypoxic-Ischaemic Encephalopathy. Molecular Neurobiology, 2019, 56, 3657-3663.	1.9	11
52	Validation of Altered Umbilical Cord Blood MicroRNA Expression in Neonatal Hypoxic-Ischemic Encephalopathy. JAMA Neurology, 2019, 76, 333.	4.5	32
53	Characterisation of neonatal seizures and their treatment using continuous EEG monitoring: a multicentre experience. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2019, 104, F493-F501.	1.4	57
54	Untargeted metabolomic analysis and pathway discovery in perinatal asphyxia and hypoxic-ischaemic encephalopathy. Journal of Cerebral Blood Flow and Metabolism, 2019, 39, 147-162.	2.4	35

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55	The Effect of Hypertensive Disorders of Pregnancy on the Risk of ADHD in the Offspring. <i>Journal of Attention Disorders</i> , 2019, 23, 692-701.	1.5	26
56	Mild hypoxic ischaemic encephalopathy and long term neurodevelopmental outcome - A systematic review. <i>Early Human Development</i> , 2018, 120, 80-87.	0.8	115
57	Correlation of Insulin-Like Growth Factor-I and -II Concentrations at Birth Measured by Mass Spectrometry and Growth from Birth to Two Months. <i>Hormone Research in Paediatrics</i> , 2018, 89, 122-131.	0.8	7
58	Associations between maternal lifestyle factors and neonatal body composition in the Screening for Pregnancy Endpoints (Cork) cohort study. <i>International Journal of Epidemiology</i> , 2018, 47, 131-145.	0.9	20
59	Feasibility of using touch screen technology for early cognitive assessment in children. <i>Archives of Disease in Childhood</i> , 2018, 103, 853-858.	1.0	16
60	Low vitamin D deficiency in Irish toddlers despite northerly latitude and a high prevalence of inadequate intakes. <i>European Journal of Nutrition</i> , 2018, 57, 783-794.	1.8	20
61	Iron status, body size, and growth in the first 2 years of life. <i>Maternal and Child Nutrition</i> , 2018, 14, .	1.4	20
62	Exposure to Hypertensive Disorders of Pregnancy Increases the Risk of Autism Spectrum Disorder in Affected Offspring. <i>Molecular Neurobiology</i> , 2018, 55, 5557-5564.	1.9	34
63	Variation in iodine food composition data has a major impact on estimates of iodine intake in young children. <i>European Journal of Clinical Nutrition</i> , 2018, 72, 410-419.	1.3	6
64	RNA-sequencing analysis of umbilical cord plasma microRNAs from healthy newborns. <i>PLoS ONE</i> , 2018, 13, e0207952.	1.1	8
65	Influence of maternal obesity on the association between common pregnancy complications and risk of childhood obesity: an individual participant data meta-analysis. <i>The Lancet Child and Adolescent Health</i> , 2018, 2, 812-821.	2.7	93
66	Validation of Raised Cord Blood Interleukin-16 in Perinatal Asphyxia and Neonatal Hypoxic-Ischaemic Encephalopathy in the BIHIVE2 Cohort. <i>Developmental Neuroscience</i> , 2018, 40, 271-277.	1.0	4
67	Antenatal Vitamin D Status Is Not Associated with Standard Neurodevelopmental Assessments at Age 5 Years in a Well-Characterized Prospective Maternal-Infant Cohort. <i>Journal of Nutrition</i> , 2018, 148, 1580-1586.	1.3	17
68	Relationships between Maternal Obesity and Maternal and Neonatal Iron Status. <i>Nutrients</i> , 2018, 10, 1000.	1.7	30
69	Antenatal vitamin D exposure and childhood eczema, food allergy, asthma and allergic rhinitis at 2 and 5 years of age in the atopic disease-specific Cork <sc>BASELINE</sc> Birth Cohort Study. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , 2018, 73, 2182-2191.	2.7	35
70	Thin-for-gestational age infants are at increased risk of neurodevelopmental delay at 2 years. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2017, 102, F197-F202.	1.4	13
71	The ability of early serial developmental assessment to predict outcome at 5 years following neonatal hypoxic-ischaemic encephalopathy. <i>Early Human Development</i> , 2017, 110, 1-8.	0.8	21
72	Cord Blood IL-16 Is Associated with 3-Year Neurodevelopmental Outcomes in Perinatal Asphyxia and Hypoxic-Ischaemic Encephalopathy. <i>Developmental Neuroscience</i> , 2017, 39, 59-65.	1.0	19

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73	Skin Barrier Impairment during Early Infancy Precedes Sensitization to Respiratory Allergens at 5 Years of Age. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, AB239.	1.5	0
74	Impact of maternal, antenatal and birth-associated factors on iron stores at birth: data from a prospective maternalâ€“infant birth cohort. <i>European Journal of Clinical Nutrition</i> , 2017, 71, 782-787.	1.3	21
75	Vitamin D metabolite concentrations in umbilical cord blood serum and associations with clinical characteristics in a large prospective mother-infant cohort in Ireland. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2017, 167, 162-168.	1.2	52
76	Downstream mRNA Target Analysis in Neonatal Hypoxic-Ischaemic Encephalopathy Identifies Novel Marker of Severe Injury: a Proof of Concept Paper. <i>Molecular Neurobiology</i> , 2017, 54, 8420-8428.	1.9	17
77	Microcytosis is associated with low cognitive outcomes in healthy 2-year-olds in a high-resource setting. <i>British Journal of Nutrition</i> , 2017, 118, 360-367.	1.2	8
78	Do changing levels of maternal exercise during pregnancy affect neonatal adiposity? Secondary analysis of the babies after SCOPE: evaluating the longitudinal impact using neurological and nutritional endpoints (BASELINE) birth cohort (Cork, Ireland). <i>BMJ Open</i> , 2017, 7, e017987.	0.8	8
79	Heart rate variability in hypoxic ischemic encephalopathy during therapeutic hypothermia. <i>Pediatric Research</i> , 2017, 81, 609-615.	1.1	22
80	Iron intakes and status of 2â€“yearâ€“old children in the Cork BASELINE Birth Cohort Study. <i>Maternal and Child Nutrition</i> , 2017, 13, .	1.4	22
81	Skin microbiome before development of atopic dermatitis: Early colonization with commensal staphylococci at 2Â“months is associated with a lower risk of atopic dermatitis at 1Â“year. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 166-172.	1.5	276
82	Short and long term prognosis in perinatal asphyxia: An update. <i>World Journal of Clinical Pediatrics</i> , 2016, 5, 67.	0.6	168
83	Infant formula feeding practices in a prospective population based study. <i>BMC Pediatrics</i> , 2016, 16, 205.	0.7	7
84	Cord blood leptin and gains in body weight and fat mass during infancy. <i>European Journal of Endocrinology</i> , 2016, 175, 403-410.	1.9	33
85	Early EEG Grade and Outcome at 5 Years After Mild Neonatal Hypoxic Ischemic Encephalopathy. <i>Pediatrics</i> , 2016, 138, .	1.0	121
86	Treating disorders of the neonatal central nervous system: pharmacokinetic and pharmacodynamic considerations with a focus on antiepileptics. <i>British Journal of Clinical Pharmacology</i> , 2016, 81, 62-77.	1.1	7
87	Seizure burden and neurodevelopmental outcome in neonates with hypoxicâ€“ischemic encephalopathy. <i>Developmental Medicine and Child Neurology</i> , 2016, 58, 1242-1248.	1.1	168
88	Early EEG findings in tuberous sclerosis complex presenting with apneic seizures soon after birth. <i>Clinical Neurophysiology</i> , 2016, 127, 3265-3267.	0.7	1
89	Body Composition within the First 3 Months: Optimized Correction for Length and Correlation with BMI at 2 Years. <i>Hormone Research in Paediatrics</i> , 2016, 86, 178-187.	0.8	10
90	Parental physical and lifestyle factors and their association with newborn body composition. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2016, 123, 1824-1829.	1.1	15

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91	Touch-screen technology usage in toddlers. <i>Archives of Disease in Childhood</i> , 2016, 101, 181-183.	1.0	60
92	Neonatal adiposity increases the risk of atopic dermatitis during the first year of life. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 137, 108-117.	1.5	32
93	No association between food allergens in the complementary feeding diet and eczema during the first 12 months in the Cork BASELINE Birth Cohort. <i>Clinical and Translational Allergy</i> , 2015, 5, O18.	1.4	0
94	Early life Transepidermal Water Loss (TEWL) values as a predictor of food allergy and sensitisation at 2 years: results from the BASELINE Study. <i>Clinical and Translational Allergy</i> , 2015, 5, O2.	1.4	0
95	Should peanut allergy screening be introduced for all Irish children?. <i>Clinical and Translational Allergy</i> , 2015, 5, P13.	1.4	0
96	Glial Fibrillary Acidic Protein Is Not an Early Marker of Injury in Perinatal Asphyxia and Hypoxic-Ischemic Encephalopathy. <i>Frontiers in Neurology</i> , 2015, 6, 264.	1.1	20
97	Metabolomic Profiling in Perinatal Asphyxia: A Promising New Field. <i>BioMed Research International</i> , 2015, 2015, 1-9.	0.9	36
98	Cohort profile: The Cork BASELINE Birth Cohort Study: Babies after SCOPE: Evaluating the Longitudinal Impact on Neurological and Nutritional Endpoints. <i>International Journal of Epidemiology</i> , 2015, 44, 764-775.	0.9	61
99	Early life factors associated with the exclusivity and duration of breast feeding in an Irish birth cohort study. <i>Midwifery</i> , 2015, 31, 904-911.	1.0	24
100	Heart rate variability in hypoxic ischemic encephalopathy: correlation with EEG grade and 2-y neurodevelopmental outcome. <i>Pediatric Research</i> , 2015, 77, 681-687.	1.1	49
101	Multimodal predictor of neurodevelopmental outcome in newborns with hypoxic-ischaemic encephalopathy. <i>Computers in Biology and Medicine</i> , 2015, 63, 169-177.	3.9	26
102	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.	4.9	208
103	Adherence with early infant feeding and complementary feeding guidelines in the Cork BASELINE Birth Cohort Study. <i>Public Health Nutrition</i> , 2015, 18, 2864-2873.	1.1	31
104	The effect of haemolysis on the metabolomic profile of umbilical cord blood. <i>Clinical Biochemistry</i> , 2015, 48, 534-537.	0.8	22
105	Downregulation of Umbilical Cord Blood Levels of miR-374a in Neonatal Hypoxic Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2015, 167, 269-273.e2.	0.9	59
106	Eating behaviour and weight status at 2 years of age: data from the Cork BASELINE Birth Cohort Study. <i>European Journal of Clinical Nutrition</i> , 2015, 69, 1356-1359.	1.3	32
107	Bumetanide for neonatal seizures—back from the cotside. <i>Nature Reviews Neurology</i> , 2015, 11, 724-724.	4.9	18
108	Global suppression of electrocortical activity in unilateral perinatal thalamic stroke. <i>Developmental Medicine and Child Neurology</i> , 2014, 56, 695-698.	1.1	2

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109	Normative levels of Interleukin 16 in umbilical cord blood. <i>Clinical Biochemistry</i> , 2013, 46, 1857-1859.	0.8	4
110	¹ H NMR Derived Metabolomic Profile of Neonatal Asphyxia in Umbilical Cord Serum: Implications for Hypoxic Ischemic Encephalopathy. <i>Journal of Proteome Research</i> , 2013, 12, 4230-4239.	1.8	62
111	Cord Blood Proteins and Multichannel-Electroencephalography in Hypoxic-Ischemic Encephalopathy*. <i>Pediatric Critical Care Medicine</i> , 2013, 14, 621-630.	0.2	29
112	Newborn Transepidermal Water Loss Values: A Reference Dataset. <i>Pediatric Dermatology</i> , 2013, 30, 712-716.	0.5	43
113	Cooling and seizure burden in term neonates: an observational study. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2012, 97, F267-F272.	1.4	120
114	The Metabolomic Profile of Umbilical Cord Blood in Neonatal Hypoxic Ischaemic Encephalopathy. <i>PLoS ONE</i> , 2012, 7, e50520.	1.1	84
115	Gender- and Gestational Age-Specific Body Fat Percentage at Birth. <i>Pediatrics</i> , 2011, 128, e645-e651.	1.0	103
116	The predictive value of early neurological examination in neonatal hypoxic-ischaemic encephalopathy and neurodevelopmental outcome at 24 months. <i>Developmental Medicine and Child Neurology</i> , 2010, 52, e55-9.	1.1	60
117	Early EEG Findings in Hypoxic-Ischemic Encephalopathy Predict Outcomes at 2 Years. <i>Pediatrics</i> , 2009, 124, e459-e467.	1.0	238
118	Fetal Heart Rate Patterns in Neonatal Hypoxic-Ischemic Encephalopathy: Relationship with Early Cerebral Activity and Neurodevelopmental Outcome. <i>American Journal of Perinatology</i> , 2009, 26, 605-612.	0.6	31
119	Unmeasured anions in children after cardiac surgery. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007, 133, 235-240.	0.4	16
120	Early Continuous Video-EEG in Acute Near-Total Intrauterine Asphyxia. <i>Pediatric Neurology</i> , 2006, 35, 52-56.	1.0	9
121	Electroencephalograph variables, drug concentrations and sedation scores in children emerging from propofol infusion anaesthesia. <i>Paediatric Anaesthesia</i> , 2004, 14, 143-151.	0.6	20
122	Defining acidosis in postoperative cardiac patients using Stewart's method of strong ion difference*. <i>Pediatric Critical Care Medicine</i> , 2004, 5, 240-245.	0.2	51
123	Early-life vitamin D status and bone mass at five years in a prospective birth cohort study. <i>Bone Abstracts</i> , 0, , .	0.0	0
124	Parental involvement in a multidisciplinary PhD programme in neonatal brain injury. <i>HRB Open Research</i> , 0, 3, 40.	0.3	2