

Steven P Miller

List of Publications by Year in descending order

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Version: 2024-02-01

242
papers

16,282
citations

13332

70
h-index

21239

119
g-index

248
all docs

248
docs citations

248
times ranked

10961
citing authors

#	ARTICLE	IF	CITATIONS
1	Head circumference, total cerebral volume and neurodevelopment in preterm neonates. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2022, 107, 181-187.	1.4	13
2	The Effect of Size and Asymmetry at Birth on Brain Injury and Neurodevelopmental Outcomes in Congenital Heart Disease. Pediatric Cardiology, 2022, 43, 868-877.	0.6	7
3	Impact of fetal haemodynamics on surgical and neurodevelopmental outcomes in patients with Ebstein anomaly and tricuspid valve dysplasia. Cardiology in the Young, 2022, 32, 1768-1779.	0.4	4
4	Neurodevelopment and Cognition Across the Lifespan in Patients With Single-Ventricle Physiology: Abnormal Brain Maturation and Accumulation of Brain Injuries. Canadian Journal of Cardiology, 2022, 38, 977-987.	0.8	8
5	1.4.7 Nutrition, Brain Development, and Mental Health. World Review of Nutrition and Dietetics, 2022, 124, 122-132.	0.1	1
6	Brain Development and Maternal Behavior in Relation to Cognitive and Language Outcomes in Preterm-Born Children. Biological Psychiatry, 2022, 92, 663-673.	0.7	6
7	Psychosocial Intervention Outcomes for Children with Congenital and Neonatal Conditions: Systematic Review. Journal of Pediatric Psychology, 2022, 47, 1003-1018.	1.1	2
8	Ventricular Volume in Infants Born Very Preterm: Relationship with Brain Maturation and Neurodevelopment at Age 4.5 Years. Journal of Pediatrics, 2022, 248, 51-58.e2.	0.9	3
9	Neonatal pain, thalamic development and sensory processing behaviour in children born very preterm. Early Human Development, 2022, 170, 105617.	0.8	9
10	MRI based radiomics enhances prediction of neurodevelopmental outcome in very preterm neonates. Scientific Reports, 2022, 12, .	1.6	0
11	Transdiagnostic feasibility trial of internet-based parenting intervention to reduce child behavioural difficulties associated with congenital and neonatal neurodevelopmental risk: introducing I-nTERACT-North. Clinical Neuropsychologist, 2021, 35, 1030-1052.	1.5	13
12	Intraventricular haemorrhage in preterm children: viewing longer term with a wider lens. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2021, 106, 2-3.	1.4	3
13	The Effect of Music and White Noise on Electroencephalographic (EEG) Functional Connectivity in Neonates in the Neonatal Intensive Care Unit. Journal of Child Neurology, 2021, 36, 38-47.	0.7	7
14	Donna M. Ferriero. , 2021, , 725-727.		0
15	Population-based surveillance of severe microcephaly and congenital Zika syndrome in Canada. Archives of Disease in Childhood, 2021, 106, 855-861.	1.0	4
16	Time to be counted: COVID-19 and intellectual and developmental disabilitiesâ€”an RSC Policy Briefing. Facets, 2021, 6, 1337-1389.	1.1	13
17	Early protein intake predicts functional connectivity and neurocognition in preterm born children. Scientific Reports, 2021, 11, 4085.	1.6	14
18	The association between parent stress, coping and mental health, and neurodevelopmental outcomes of infants with congenital heart disease. Clinical Neuropsychologist, 2021, 35, 948-972.	1.5	23

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19	A Life-Course Approach to the Neurodevelopmental Trajectory of Congenital Heart Disease. <i>Circulation</i> , 2021, 143, 892-894.	1.6	3
20	Early EEG in neonates with mild hypoxic-ischemic encephalopathy: more than meets the eye. <i>Pediatric Research</i> , 2021, 90, 18-19.	1.1	1
21	Prenatal antidepressant exposure and sex differences in neonatal corpus callosum microstructure. <i>Developmental Psychobiology</i> , 2021, 63, e22125.	0.9	14
22	Management of comfort and sedation in neonates with neonatal encephalopathy treated with therapeutic hypothermia. <i>Seminars in Fetal and Neonatal Medicine</i> , 2021, 26, 101264.	1.1	12
23	Genome sequencing for detection of pathogenic deep intronic variation: A clinical case report illustrating opportunities and challenges. <i>American Journal of Medical Genetics, Part A</i> , 2021, 185, 3129-3135.	0.7	10
24	The dimensions of white matter injury in preterm neonates. <i>Seminars in Perinatology</i> , 2021, 45, 151469.	1.1	7
25	Training in neonatal neurocritical care: a proposal for a hybrid model of competence by design and time-based methods. <i>Pediatric Research</i> , 2021, , .	1.1	1
26	Interaction between Preterm White Matter Injury and Childhood Thalamic Growth. <i>Annals of Neurology</i> , 2021, 90, 584-594.	2.8	4
27	Neuroimaging of the Preterm Brain: Review and Recommendations. <i>Journal of Pediatrics</i> , 2021, 237, 276-287.e4.	0.9	36
28	Sensory processing and cortisol at age 4 years: Procedural pain-related stress in children born very preterm. <i>Developmental Psychobiology</i> , 2021, 63, 915-930.	0.9	14
29	Socioeconomic status and brain injury in children born preterm: modifying neurodevelopmental outcome. <i>Pediatric Research</i> , 2020, 87, 391-398.	1.1	33
30	Defining the clinical, molecular and imaging spectrum of adaptor protein complex 4-associated hereditary spastic paraplegia. <i>Brain</i> , 2020, 143, 2929-2944.	3.7	29
31	Decreased Brain Volumes and Infants With Congenital Heart Disease Undergoing Venous Arterial Extracorporeal Membrane Oxygenation. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 738-745.	0.2	4
32	Association of early skin breaks and neonatal thalamic maturation. <i>Neurology</i> , 2020, 95, e3420-e3427.	1.5	17
33	Location and Size of Preterm Cerebellar Hemorrhage and Childhood Development. <i>Annals of Neurology</i> , 2020, 88, 1095-1108.	2.8	20
34	Knowledge Empowers: Responding to the Knowledge Needs of Youth with Disabilities and Families during the Pandemic. <i>Physical and Occupational Therapy in Pediatrics</i> , 2020, 40, 487-490.	0.8	6
35	Pain in the newborn brain: a neural signature. <i>The Lancet Digital Health</i> , 2020, 2, e442-e443.	5.9	1
36	Mechanical Ventilation Duration, Brainstem Development, and Neurodevelopment in Children Born Preterm: A Prospective Cohort Study. <i>Journal of Pediatrics</i> , 2020, 226, 87-95.e3.	0.9	26

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37	Long-term postnatal outcome of fetuses with prenatally suspected septo-optic dysplasia. <i>Ultrasound in Obstetrics and Gynecology</i> , 2020, 56, 371-377.	0.9	8
38	The influence of pain, agitation, and their management on the immature brain. <i>Pediatric Research</i> , 2020, 88, 168-175.	1.1	100
39	Longitudinal neurodevelopmental outcomes in preterm twins. <i>Pediatric Research</i> , 2020, 90, 593-599.	1.1	1
40	Pearls & Oysters: Fatal brain edema is a rare complication of severe CACNA1A-related disorder. <i>Neurology</i> , 2020, 94, 631-634.	1.5	7
41	Delayed maturation of the structural brain connectome in neonates with congenital heart disease. <i>Brain Communications</i> , 2020, 2, fcaa209.	1.5	29
42	White matter injury in term neonates with congenital heart diseases: Topology & comparison with preterm newborns. <i>NeuroImage</i> , 2019, 185, 742-749.	2.1	60
43	The neonatal brain in critical congenital heart disease: Insights and future directions. <i>NeuroImage</i> , 2019, 185, 776-782.	2.1	100
44	Alterations in Resting-State Networks Following In Utero Selective Serotonin Reuptake Inhibitor Exposure in the Neonatal Brain. <i>Biological Psychiatry: Cognitive Neuroscience and Neuroimaging</i> , 2019, 4, 39-49.	1.1	17
45	Predictive connectome subnetwork extraction with anatomical and connectivity priors. <i>Computerized Medical Imaging and Graphics</i> , 2019, 71, 67-78.	3.5	9
46	A fast segmentation-free fully automated approach to white matter injury detection in preterm infants. <i>Medical and Biological Engineering and Computing</i> , 2019, 57, 71-87.	1.6	12
47	Impact of Perioperative Brain Injury and Development on Feeding Modality in Infants With Single Ventricle Heart Disease. <i>Journal of the American Heart Association</i> , 2019, 8, e012291.	1.6	16
48	Preterm brain Injury: White matter injury. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 162, 155-172.	1.0	57
49	From Diagnoses to Ongoing Journey: Parent Experiences Following Congenital Heart Disease Diagnoses. <i>Journal of Pediatric Psychology</i> , 2019, 44, 924-936.	1.1	18
50	L'amélioration des médicaments à usage pédiatrique : une prescription pour les enfants et les adolescents canadiens. <i>Paediatrics and Child Health</i> , 2019, 24, 336-339.	0.3	0
51	The Influence of Early Nutrition on Brain Growth and Neurodevelopment in Extremely Preterm Babies: A Narrative Review. <i>Nutrients</i> , 2019, 11, 2029.	1.7	98
52	Brain Injury in Infants with Critical Congenital Heart Disease: Insights from Two Clinical Cohorts with Different Practice Approaches. <i>Journal of Pediatrics</i> , 2019, 215, 75-82.e2.	0.9	36
53	Improving paediatric medications: A prescription for Canadian children and youth. <i>Paediatrics and Child Health</i> , 2019, 24, 333-335.	0.3	18
54	Associations Between Age at Arterial Switch Operation, Brain Growth, and Development in Infants With Transposition of the Great Arteries. <i>Circulation</i> , 2019, 139, 2728-2738.	1.6	65

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55	Neurologic Examination Findings Associated With Small Cerebellar Volumes After Prematurity. <i>Journal of Child Neurology</i> , 2019, 34, 586-592.	0.7	14
56	Hub distribution of the brain functional networks of newborns prenatally exposed to maternal depression and SSRI antidepressants. <i>Depression and Anxiety</i> , 2019, 36, 753-765.	2.0	14
57	Association of Socioeconomic Status and Brain Injury With Neurodevelopmental Outcomes of Very Preterm Children. <i>JAMA Network Open</i> , 2019, 2, e192914.	2.8	120
58	Anticoagulation therapy and the risk of perioperative brain injury in neonates with congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2019, 157, 2406-2413.e2.	0.4	8
59	Hippocampus, Amygdala, and Thalamus Volumes in Very Preterm Children at 8 Years: Neonatal Pain and Genetic Variation. <i>Frontiers in Behavioral Neuroscience</i> , 2019, 13, 51.	1.0	82
60	Trends in investigations of abuse or neglect referred by hospital personnel in Ontario. <i>BMJ Paediatrics Open</i> , 2019, 3, e000386.	0.6	9
61	Morphine biotransformation genes and neonatal clinical factors predicted behaviour problems in very preterm children at 18 months. <i>EBioMedicine</i> , 2019, 40, 655-662.	2.7	23
62	Concurrent Validity of the Bayley-III and the Peabody Developmental Motor Scales-2 at 18 Months. <i>Physical and Occupational Therapy in Pediatrics</i> , 2019, 39, 514-524.	0.8	5
63	Commentary on "The long-term effect of perinatal asphyxia on hippocampal volumes". <i>Pediatric Research</i> , 2019, 85, 9-10.	1.1	0
64	White matter injury predicts disrupted functional connectivity and microstructure in very preterm born neonates. <i>NeuroImage: Clinical</i> , 2019, 21, 101596.	1.4	30
65	Pattern of Brain Injury Predicts Long-Term Epilepsy Following Neonatal Encephalopathy. <i>Journal of Child Neurology</i> , 2019, 34, 199-209.	0.7	12
66	Plasma cholesterol levels and brain development in preterm newborns. <i>Pediatric Research</i> , 2019, 85, 299-304.	1.1	4
67	Predicting developmental outcomes in preterm infants. <i>Neurology</i> , 2019, 93, e1231-e1240.	1.5	32
68	Cardiovascular Associations with Abnormal Brain Magnetic Resonance Imaging in Neonates with Hypoxic Ischemic Encephalopathy Undergoing Therapeutic Hypothermia and Rewarming. <i>American Journal of Perinatology</i> , 2018, 35, 979-989.	0.6	20
69	Multiple Postnatal Infections in Newborns Born Preterm Predict Delayed Maturation of Motor Pathways at Term-Equivalent Age with Poorer Motor Outcomes at 3 Years. <i>Journal of Pediatrics</i> , 2018, 196, 91-97.e1.	0.9	21
70	Nutrient Intake in the First Two Weeks of Life and Brain Growth in Preterm Neonates. <i>Pediatrics</i> , 2018, 141, .	1.0	101
71	Posthemorrhagic ventricular dilatation in preterm infants. <i>Neurology</i> , 2018, 90, e698-e706.	1.5	103
72	Early Procedural Pain Is Associated with Regionally-Specific Alterations in Thalamic Development in Preterm Neonates. <i>Journal of Neuroscience</i> , 2018, 38, 878-886.	1.7	168

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73	Do cash transfer programmes yield better health in the first year of life? A systematic review linking low-income/middle-income and high-income contexts. Archives of Disease in Childhood, 2018, 103, 920-926.	1.0	34
74	Neonatal Brain Injury and Timing of Neurodevelopmental Assessment in Patients With Congenital Heart Disease. Journal of the American College of Cardiology, 2018, 71, 1986-1996.	1.2	83
75	Association of Histologic Chorioamnionitis With Perinatal Brain Injury and Early Childhood Neurodevelopmental Outcomes Among Preterm Neonates. JAMA Pediatrics, 2018, 172, 534.	3.3	55
76	Neonatal stroke and haematuria: Answers. Pediatric Nephrology, 2018, 33, 807-811.	0.9	0
77	Neonatal stroke and haematuria: Questions. Pediatric Nephrology, 2018, 33, 805-806.	0.9	1
78	Imaging the neonatal brain in the 21st century: why, when and how?. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2018, 103, F4-F5.	1.4	5
79	Postnatal polyunsaturated fatty acids associated with larger preterm brain tissue volumes and better outcomes. Pediatric Research, 2018, 83, 93-101.	1.1	19
80	Procedural pain and oral glucose in preterm neonates: brain development and sex-specific effects. Pain, 2018, 159, 515-525.	2.0	80
81	Association of Histologic Chorioamnionitis With Perinatal Brain Injury and Early Childhood Neurodevelopmental Outcomes Among Preterm Neonates. Obstetrical and Gynecological Survey, 2018, 73, 621-623.	0.2	0
82	Imaging the term neonatal brain. Paediatrics and Child Health, 2018, 23, 322-328.	0.3	23
83	Brain abnormalities in children and adolescents with chronic kidney disease. Pediatric Research, 2018, 84, 387-392.	1.1	30
84	The Placenta and Neurodevelopment in Preterm Newborns. NeoReviews, 2018, 19, e456-e466.	0.4	7
85	Imaging Evidence of the Effect of Socio-Economic Status on Brain Structure and Development. Seminars in Pediatric Neurology, 2018, 27, 26-34.	1.0	61
86	In their own words: developing the Parent Experiences Questionnaire following neonatal brain injury using participatory design. Brain Injury, 2018, 32, 1386-1396.	0.6	19
87	L'imagerie du cerveau du nouveau-né à terme. Paediatrics and Child Health, 2018, 23, 329-335.	0.3	0
88	Brain Injury in the Preterm Infant. , 2018, , 879-896.e6.		2
89	Quantitative assessment of white matter injury in preterm neonates. Neurology, 2017, 88, 614-622.	1.5	117
90	Clinical Risk Factors for Punctate White Matter Lesions on Early Magnetic Resonance Imaging in Preterm Newborns. Journal of Pediatrics, 2017, 182, 34-40.e1.	0.9	36

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91	Harnessing Neuroimaging Capability in Pediatric Stroke: Proceedings of the Stroke Imaging Laboratory for Children Workshop. <i>Pediatric Neurology</i> , 2017, 69, 3-10.	1.0	6
92	<sc>GSK</sc>â€² inhibitor <sc>TDZD</sc>â€¸ reduces neonatal hypoxicâ€¸ischemic brain injury in mice. <i>CNS Neuroscience and Therapeutics</i> , 2017, 23, 405-415.	1.9	33
93	The â€¸ouRâ€¸<sc>HOPE</sc>â€¸™ approach for ethics and communication about neonatal neurological injury. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 125-135.	1.1	45
94	Severe retinopathy of prematurity predicts delayed white matter maturation and poorer neurodevelopment. <i>Archives of Disease in Childhood: Fetal and Neonatal Edition</i> , 2017, 102, F532-F537.	1.4	59
95	Complementary cortical gray and white matter developmental patterns in healthy, preterm neonates. <i>Human Brain Mapping</i> , 2017, 38, 4322-4336.	1.9	6
96	Association between corpus callosum development on magnetic resonance imaging and diffusion tensor imaging, and neurodevelopmental outcome in neonates born very preterm. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 433-440.	1.1	34
97	Antenatal exposure to antidepressants is associated with altered brain development in very preterm-born neonates. <i>Neuroscience</i> , 2017, 342, 252-262.	1.1	29
98	Prediction of Brain Network Age and Factors of Delayed Maturation in Very Preterm Infants. <i>Lecture Notes in Computer Science</i> , 2017, , 84-91.	1.0	15
99	BrainNetCNN: Convolutional neural networks for brain networks; towards predicting neurodevelopment. <i>NeuroImage</i> , 2017, 146, 1038-1049.	2.1	402
100	Narcotics and Sedative Use in Preterm Neonates. <i>Journal of Pediatrics</i> , 2017, 180, 92-98.e1.	0.9	35
101	Initiation of passive cooling at referring centre is most predictive of achieving early therapeutic hypothermia in asphyxiated newborns. <i>Paediatrics and Child Health</i> , 2017, 22, 264-268.	0.3	13
102	Small bite, big problem: Understanding severe microcephaly in Canada. <i>Paediatrics and Child Health</i> , 2017, 22, 504-505.	0.3	1
103	Hypoxic-Ischemic Brain Injury in the Term Newborn. , 2017, , 138-146.		0
104	Pathophysiology of Neonatal White Matter Injury. , 2017, , 1695-1703.e4.		1
105	Combining Spatial and Non-spatial Dictionary Learning for Automated Labeling of Intra-ventricular Hemorrhage in Neonatal Brain MRI. <i>Lecture Notes in Computer Science</i> , 2017, , 789-797.	1.0	1
106	Rodent Hypoxiaâ€¸Ischemia Models for Cerebral Palsy Research: A Systematic Review. <i>Frontiers in Neurology</i> , 2016, 7, 57.	1.1	127
107	Manual-Protocol Inspired Technique for Improving Automated MR Image Segmentation during Label Fusion. <i>Frontiers in Neuroscience</i> , 2016, 10, 325.	1.4	13
108	Low plasma magnesium is associated with impaired brain metabolism in neonates with hypoxicâ€¸ischaemic encephalopathy. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2016, 105, 1067-1073.	0.7	4

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109	MRI reveals hemodynamic changes with acute maternal hyperoxygenation in human fetuses with and without congenital heart disease. <i>Prenatal Diagnosis</i> , 2016, 36, 274-281.	1.1	39
110	Midazolam dose correlates with abnormal hippocampal growth and neurodevelopmental outcome in preterm infants. <i>Annals of Neurology</i> , 2016, 79, 548-559.	2.8	129
111	Brain in Congenital Heart Disease Across the Lifespan. <i>Circulation</i> , 2016, 133, 1951-1962.	1.6	261
112	Interplay of brain structure and function in neonatal congenital heart disease. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 708-722.	1.7	37
113	Cerebral oxygen delivery is reduced in newborns with congenital heart disease. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2016, 152, 1095-1103.	0.4	67
114	Fellowship Training in the Emerging Fields of Fetal-Neonatal Neurology and Neonatal Neurocritical Care. <i>Pediatric Neurology</i> , 2016, 63, 39-44.e3.	1.0	16
115	Increased subcortical oligodendroglia-like cells in pharmaco-resistant focal epilepsy in children correlate with extensive epileptogenic zones. <i>Epilepsia</i> , 2016, 57, 2031-2038.	2.6	12
116	Early postnatal docosahexaenoic acid levels and improved preterm brain development. <i>Pediatric Research</i> , 2016, 79, 723-730.	1.1	84
117	Response to Letter Regarding Article, "Reduced Fetal Cerebral Oxygen Consumption Is Associated With Smaller Brain Size in Fetuses With Congenital Heart Disease". <i>Circulation</i> , 2016, 133, e8.	1.6	2
118	Smaller Cerebellar Growth and Poorer Neurodevelopmental Outcomes in Very Preterm Infants Exposed to Neonatal Morphine. <i>Journal of Pediatrics</i> , 2016, 172, 81-87.e2.	0.9	156
119	Patch-based augmentation of Expectation-Maximization for brain MRI tissue segmentation at arbitrary age after premature birth. <i>NeuroImage</i> , 2016, 127, 387-408.	2.1	20
120	Reliability of Early Magnetic Resonance Imaging (MRI) and Necessity of Repeating MRI in Noncooled and Cooled Infants With Neonatal Encephalopathy. <i>Journal of Child Neurology</i> , 2016, 31, 553-559.	0.7	22
121	STEAM "Statistical Template Estimation for Abnormality Mapping: A personalized DTI analysis technique with applications to the screening of preterm infants. <i>NeuroImage</i> , 2016, 125, 705-723.	2.1	7
122	Sensory Processing Patterns in Children Born Very Preterm. <i>American Journal of Occupational Therapy</i> , 2016, 70, 7001220050p1-7001220050p7.	0.1	43
123	Predictive Subnetwork Extraction with Structural Priors for Infant Connectomes. <i>Lecture Notes in Computer Science</i> , 2016, , 175-183.	1.0	2
124	Magnetic Resonance Imaging (MRI) and Prognostication in Neonatal Hypoxic-Ischemic Injury. <i>Journal of Child Neurology</i> , 2015, 30, 174-181.	0.7	9
125	Oxygen Therapy for Preterm Neonates. <i>JAMA Pediatrics</i> , 2015, 169, 311.	3.3	12
126	Reduced Fetal Cerebral Oxygen Consumption Is Associated With Smaller Brain Size in Fetuses With Congenital Heart Disease. <i>Circulation</i> , 2015, 131, 1313-1323.	1.6	405

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127	Automatic segmentation of the hippocampus for preterm neonates from early-in-life to term-equivalent age. <i>NeuroImage: Clinical</i> , 2015, 9, 176-193.	1.4	32
128	Tract-Based Spatial Statistics in Preterm-Born Neonates Predicts Cognitive and Motor Outcomes at 18 Months. <i>American Journal of Neuroradiology</i> , 2015, 36, 1565-1571.	1.2	63
129	Neonatal Pain and Infection Relate to Smaller Cerebellum in Very Preterm Children at School Age. <i>Journal of Pediatrics</i> , 2015, 167, 292-298.e1.	0.9	115
130	Stochastic process for white matter injury detection in preterm neonates. <i>NeuroImage: Clinical</i> , 2015, 7, 622-630.	1.4	11
131	ISDN2014_0158: Early neonatal pain exposure and brain microstructure interact to predict neurodevelopmental outcomes at 18 months corrected age in children born very preterm. <i>International Journal of Developmental Neuroscience</i> , 2015, 47, 47-47.	0.7	3
132	Prediction of Motor Function in Very Preterm Infants Using Connectome Features and Local Synthetic Instances. <i>Lecture Notes in Computer Science</i> , 2015, , 69-76.	1.0	8
133	Society for Pediatric Research 2014 Presidential Address: the test of our progress. <i>Pediatric Research</i> , 2014, 76, 571-576.	1.1	0
134	Structural network analysis of brain development in young preterm neonates. <i>NeuroImage</i> , 2014, 101, 667-680.	2.1	93
135	Minimizing the Risk of Preoperative Brain Injury in Neonates with Aortic Arch Obstruction. <i>Journal of Pediatrics</i> , 2014, 165, 1116-1122.e3.	0.9	27
136	Chorioamnionitis in the Pathogenesis of Brain Injury in Preterm Infants. <i>Clinics in Perinatology</i> , 2014, 41, 83-103.	0.8	66
137	Invasive Procedures in Preterm Children: Brain and Cognitive Development at School Age. <i>Pediatrics</i> , 2014, 133, 412-421.	1.0	204
138	Preferential Cephalic Redistribution of Left Ventricular Cardiac Output during Therapeutic Hypothermia for Perinatal Hypoxic-Ischemic Encephalopathy. <i>Journal of Pediatrics</i> , 2014, 164, 999-1004.e1.	0.9	52
139	Further Evidence for Botulinum Toxin A in Cerebral Palsy. <i>Journal of Pediatrics</i> , 2014, 165, 15-17.	0.9	0
140	Brain injury in premature neonates: A primary cerebral dysmaturation disorder?. <i>Annals of Neurology</i> , 2014, 75, 469-486.	2.8	273
141	Visual function in preterm infants: visualizing the brain to improve prognosis. <i>Documenta Ophthalmologica</i> , 2013, 127, 41-55.	1.0	14
142	MRI Findings in Infants With Infantile Spasms After Neonatal Hypoxic-Ischemic Encephalopathy. <i>Pediatric Neurology</i> , 2013, 49, 401-405.	1.0	33
143	Evolution of pattern of injury and quantitative MRI on days 1 and 3 in term newborns with hypoxic-ischemic encephalopathy. <i>Pediatric Research</i> , 2013, 74, 82-87.	1.1	42
144	Neonatal pain-related stress, functional cortical activity and visual-perceptual abilities in school-age children born at extremely low gestational age. <i>Pain</i> , 2013, 154, 1946-1952.	2.0	178

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145	Parent behaviors moderate the relationship between neonatal pain and internalizing behaviors at 18 months corrected age in children born very prematurely. <i>Pain</i> , 2013, 154, 1831-1839.	2.0	103
146	Abnormal brain maturation in preterm neonates associated with adverse developmental outcomes. <i>Neurology</i> , 2013, 81, 2082-2089.	1.5	183
147	Brain Development in Infants Born Preterm: Looking Beyond Injury. <i>Seminars in Pediatric Neurology</i> , 2013, 20, 65-74.	1.0	32
148	Score for Neonatal Acute Physiology II and Neonatal Pain Predict Corticospinal Tract Development in Premature Newborns. <i>Pediatric Neurology</i> , 2013, 48, 123-129.e1.	1.0	108
149	Paediatric neurology: improved care of the developing brain. <i>Lancet Neurology</i> , The, 2013, 12, 16-18.	4.9	4
150	Prenatal and postnatal inflammation in relation to cortisol levels in preterm infants at 18 months corrected age. <i>Journal of Perinatology</i> , 2013, 33, 647-651.	0.9	10
151	Single-ventricle anatomy predicts delayed microstructural brain development. <i>Pediatric Research</i> , 2013, 73, 661-667.	1.1	56
152	Resuscitation intensity at birth is associated with changes in brain metabolic development in preterm neonates. <i>Neuroradiology</i> , 2013, 55, 47-54.	1.1	5
153	Brain injury and development in newborns with critical congenital heart disease. <i>Neurology</i> , 2013, 81, 241-248.	1.5	191
154	Slower Postnatal Growth Is Associated with Delayed Cerebral Cortical Maturation in Preterm Newborns. <i>Science Translational Medicine</i> , 2013, 5, 168ra8.	5.8	156
155	Brain Injury Patterns in Hypoglycemia in Neonatal Encephalopathy. <i>American Journal of Neuroradiology</i> , 2013, 34, 1456-1461.	1.2	88
156	Neonatal Pain-Related Stress Predicts Cortical Thickness at Age 7 Years in Children Born Very Preterm. <i>PLoS ONE</i> , 2013, 8, e76702.	1.1	213
157	Postnatal infection is associated with widespread abnormalities of brain development in premature newborns. <i>Pediatric Research</i> , 2012, 71, 274-279.	1.1	147
158	Procedural pain and brain development in premature newborns. <i>Annals of Neurology</i> , 2012, 71, 385-396.	2.8	531
159	Single course of antenatal steroids did not alter cortisol in preterm infants up to 18 months. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2012, 101, 604-608.	0.7	10
160	Neonatal pain in relation to postnatal growth in infants born very preterm. <i>Pain</i> , 2012, 153, 1374-1381.	2.0	134
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