Manon J Benders

List of Publications by Year
in descending order

140 papers	6,754 citations	50276 46 h-index	76900 74 g-index
141 all docs	141 docs citations	141 times ranked	6909 citing authors

#	Article	IF	Citations
1	Neuromonitoring, neuroimaging, and neurodevelopmental follow-up practices in neonatal congenital heart disease: a European survey. Pediatric Research, 2023, 93, 168-175.	2.3	7
2	Early motor outcomes in infants with critical congenital heart disease are related to neonatal brain development and brain injury. Developmental Medicine and Child Neurology, 2022, 64, 192-199.	2.1	17
3	Sensory-based interventions in the NICU: systematic review of effects on preterm brain development. Pediatric Research, 2022, 92, 47-60.	2.3	14
4	Pharmacokinetic/Pharmacodynamic Modelling of Allopurinol, its Active Metabolite Oxypurinol, and Biomarkers Hypoxanthine, Xanthine and Uric Acid in Hypoxic-Ischemic Encephalopathy Neonates. Clinical Pharmacokinetics, 2022, 61, 321-333.	3.5	3
5	A scoping review of behavioral sleep stage classification methods for preterm infants. Sleep Medicine, 2022, 90, 74-82.	1.6	6
6	CeRebrUm and CardIac Protection with ALlopurinol in Neonates with Critical Congenital Heart Disease Requiring Cardiac Surgery with Cardiopulmonary Bypass (CRUCIAL): study protocol of a phase III, randomized, quadruple-blinded, placebo-controlled, Dutch multicenter trial. Trials, 2022, 23, 174.	1.6	5
7	Corpus callosum injury after neurosurgical intervention for posthemorrhagic ventricular dilatation and association with neurodevelopmental outcome at 2 years. Journal of Neurosurgery: Pediatrics, 2022, 30, 31-38.	1.3	0
8	Shape variability of the central sulcus in the developing brain: A longitudinal descriptive and predictive study in preterm infants. NeuroImage, 2022, 251, 118837.	4.2	9
9	Nutritional Supplementation Reduces Lesion Size and Neuroinflammation in a Sex-Dependent Manner in a Mouse Model of Perinatal Hypoxic-Ischemic Brain Injury. Nutrients, 2022, 14, 176.	4.1	7
10	Feasibility and safety of intranasally administered mesenchymal stromal cells after perinatal arterial ischaemic stroke in the Netherlands (PASSIoN): a first-in-human, open-label intervention study. Lancet Neurology, The, 2022, 21, 528-536.	10.2	50
11	The Sleep Well Baby project: an automated real-time sleepâ€“wake state prediction algorithm in preterm infants. Sleep, 2022, 45, .	1.1	11
12	Early-life stress exposure and large-scale covariance brain networks in extremely preterm-born infants. Translational Psychiatry, 2022, 12, .	4.8	6
13	<scp>MRI</scp> of the Neonatal Brain: A Review of Methodological Challenges and Neuroscientific Advances. Journal of Magnetic Resonance Imaging, 2021, 53, 1318-1343.	3.4	78
14	Cerebellar injury in term neonates with hypoxicâ€“ischemic encephalopathy is underestimatedÂ. Pediatric Research, 2021, 89, 1171-1178.	2.3	12
15	Intranasal mesenchymal stem cell therapy to boost myelination after encephalopathy of prematurity. Glia, 2021, 69, 655-680.	4.9	18
16	Nasal administration of mesenchymal stem cells reverses chemotherapy-induced peripheral neuropathy in mice. Brain, Behavior, and Immunity, 2021, 93, 43-54.	4.1	23
17	The impact of trophic and immunomodulatory factors on oligodendrocyte maturation: Potential treatments for encephalopathy of prematurity. Glia, 2021, 69, 1311-1340.	4.9	10
18	Glomerular Filtration Rate in Asphyxiated Neonates Under Therapeutic Whole-Body Hypothermia, Quantified by Mannitol Clearance. Clinical Pharmacokinetics, 2021, 60, 897-906.	3.5	6

#	Article	IF	Citations
19	Mammillary body atrophy and other MRI correlates of school-age outcome following neonatal hypoxic-ischemic encephalopathy. Scientific Reports, 2021, 11, 5017.	3.3	22
20	NutriBrain: protocol for a randomised, double-blind, controlled trial to evaluate the effects of a nutritional product on brain integrity in preterm infants. BMC Pediatrics, 2021, 21, 132.	1.7	3
21	Precision Medicine in Neonates: A Tailored Approach to Neonatal Brain Injury. Frontiers in Pediatrics, 2021, 9, 634092.	1.9	15
22	The relationship between preterm birth and sleep in children at school age: A systematic review. Sleep Medicine Reviews, 2021, 57, 101447.	8.5	21
23	Therapies for neonatal encephalopathy: Targeting the latent, secondary and tertiary phases of evolving brain injury. Seminars in Fetal and Neonatal Medicine, 2021, 26, 101256.	2.3	22
24	High-frequency oscillations recorded with surface EEG in neonates with seizures. Clinical Neurophysiology, 2021, 132, 1452-1461.	1.5	7
25	The value of cardiorespiratory parameters for sleep state classification in preterm infants: A systematic review. Sleep Medicine Reviews, 2021, 58, 101462.	8.5	15
26	Post-hemorrhagic ventricular dilatation affects white matter maturation in extremely preterm infants. Pediatric Research, 2021, , .	2.3	1
27	Serum docosahexaenoic acid levels are associated with brain volumes in extremely preterm born infants. Pediatric Research, 2021, , .	2.3	11
28	Nutritional Intake, White Matter Integrity, and Neurodevelopment in Extremely Preterm Born Infants. Nutrients, 2021, 13, 3409.	4.1	13
29	Regenerative Therapies to Restore Interneuron Disturbances in Experimental Models of Encephalopathy of Prematurity. International Journal of Molecular Sciences, 2021, 22, 211.	4.1	8
30	A Uniform Description of Perioperative Brain MRI Findings in Infants with Severe Congenital Heart Disease: Results of a European Collaboration. American Journal of Neuroradiology, 2021, 42, 2034-2039.	2.4	21
31	Brain temperature of infants with neonatal encephalopathy following perinatal asphyxia calculated using magnetic resonance spectroscopy. Pediatric Research, 2020, 88, 279-284.	2.3	4
32	Early prediction of unilateral cerebral palsy in infants at risk: MRI versus the hand assessment for infants. Pediatric Research, 2020, 87, 932-939.	2.3	10
33	Association of early skin breaks and neonatal thalamic maturation. Neurology, 2020, 95, e3420-e3427.	1.1	17
34	Introduction of Ultra-High-Field MR Imaging in Infants: Preparations and Feasibility. American Journal of Neuroradiology, 2020, 41, 1532-1537.	2.4	14
35	Automated cotâ€side tracking of functional brain age in preterm infants. Annals of Clinical and Translational Neurology, 2020, 7, 891-902.	3.7	33
36	Preterm infants with isolated cerebellar hemorrhage show bilateral cortical alterations at term equivalent age. Scientific Reports, 2020, 10, 5283.	3.3	10

#	Article	IF	Citations
37	Non-right-handedness in children born extremely preterm: Relation to early neuroimaging and long-term neurodevelopment. PLoS ONE, 2020, 15, e0235311.	2.5	5
38	Predictors of Outcomes in Hypoxic-Ischemic Encephalopathy following Hypothermia: A Meta-Analysis. Neonatology, 2020, 117, 411-427.	2.0	50
39	The development and validation of a cerebral ultrasound scoring system for infants with hypoxic-ischaemic encephalopathy. Pediatric Research, 2020, 87, 59-66.	2.3	21
40	Premature Birth and Developmental Programming: Mechanisms of Resilience and Vulnerability. Frontiers in Psychiatry, 2020, 11, 531571.	2.6	45
41	Increase in Brain Volumes after Implementation of a Nutrition Regimen in Infants Born Extremely Preterm. Journal of Pediatrics, 2020, 223, 57-63.e5.	1.8	17
42	No neurodevelopmental benefit of cerebral oximetry in the first randomised trial (SafeBoosC) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 547 of Paediatrics, 2019, 108, 275-281.	1.5	44
43	Brain Activity and Cerebral Oxygenation After Perinatal Arterial Ischemic Stroke Are Associated With Neurodevelopment. Stroke, 2019, 50, 2668-2676.	2.0	17
44	Postnatal Nutrition to Improve Brain Development in the Preterm Infant: A Systematic Review From Bench to Bedside. Frontiers in Physiology, 2019, 10, 961.	2.8	31
45	Functional Connectome of the Fetal Brain. Journal of Neuroscience, 2019, 39, 9716-9724.	3.6	88
46	Brain Injury in Infants with Critical Congenital Heart Disease: Insights from Two Clinical Cohorts with Different Practice Approaches. Journal of Pediatrics, 2019, 215, 75-82.e2.	1.8	36
47	Brain microstructural development in neonates with critical congenital heart disease: An atlas-based diffusion tensor imaging study. NeuroImage: Clinical, 2019, 21, 101672.	2.7	20
48	10Kin1day: A Bottom-Up Neuroimaging Initiative. Frontiers in Neurology, 2019, 10, 425.	2.4	15
49	The Potential of Stem Cell Therapy to Repair White Matter Injury in Preterm Infants: Lessons Learned From Experimental Models. Frontiers in Physiology, 2019, 10, 540.	2.8	31
50	Neurodevelopmental Outcomes in Preterm Infants with White Matter Injury Using a New MRI Classification. Neonatology, 2019, 116, 227-235.	2.0	26
51	Convolutional Neural Network-Based Regression for Quantification of Brain Characteristics Using MRI. Advances in Intelligent Systems and Computing, 2019, , 577-586.	0.6	0
52	Postoperative cerebral oxygenation was not associated with new brain injury in infants with congenital heart disease. Journal of Thoracic and Cardiovascular Surgery, 2019, 158, 867-877.e1.	0.8	10
53	Assessment of Brain Injury and Brain Volumes after Posthemorrhagic Ventricular Dilatation: A Nested Substudy of the Randomized Controlled ELVIS Trial. Journal of Pediatrics, 2019, 208, 191-197.e2.	1.8	39
54	Brain and CSF Volumes in Fetuses and Neonates with Antenatal Diagnosis of Critical Congenital Heart Disease: A Longitudinal MRI Study. American Journal of Neuroradiology, 2019, 40, 885-891.	2.4	32

#	Article	IF	Citations
55	The long-term effect of perinatal asphyxia on hippocampal volumes. Pediatric Research, 2019, 85, 43-49.	2.3	31
56	A Longitudinal Study of the Evolution of the Central Sulcusâ€™ Shape in Preterm Infants Using Manifold Learning. Lecture Notes in Computer Science, 2019, , 143-152.	1.3	0
57	Growth patterns in fetuses with isolated cardiac defects. Prenatal Diagnosis, 2018, 38, 328-336.	2.3	6
58	Perioperative neonatal brain injury is associated with worse schoolâ€age neurodevelopment in children with critical congenital heart disease. Developmental Medicine and Child Neurology, 2018, 60, 1052-1058.	2.1	84
59	A Novel Magnetic Resonance Imaging Score Predicts Neurodevelopmental Outcome After Perinatal Asphyxia and Therapeutic Hypothermia. Journal of Pediatrics, 2018, 192, 33-40.e2.	1.8	125
60	Association of Histologic Chorioamnionitis With Perinatal Brain Injury and Early Childhood Neurodevelopmental Outcomes Among Preterm Neonates. JAMA Pediatrics, 2018, 172, 534.	6.2	55
61	Promoting neuroregeneration after perinatal arterial ischemic stroke: neurotrophic factors and mesenchymal stem cells. Pediatric Research, 2018, 83, 372-384.	2.3	61
62	Effects of early nutrition and growth on brain volumes, white matter microstructure, and neurodevelopmental outcome in preterm newborns. Pediatric Research, 2018, 83, 102-110.	2.3	118
63	Clinical and neuroimaging characteristics of cerebral sinovenous thrombosis in neonates undergoing cardiac surgery. Journal of Thoracic and Cardiovascular Surgery, 2018, 155, 1150-1158.	0.8	22
64	Changes in brain morphology and microstructure in relation to early brain activity in extremely preterm infants. Pediatric Research, 2018, 83, 834-842.	2.3	18
65	Origin and dynamics of oligodendrocytes in the developing brain: Implications for perinatal white matter injury. Glia, 2018, 66, 221-238.	4.9	188
66	Predictive Role of Urinary Metabolic Profile for Abnormal MRI Score in Preterm Neonates. Disease Markers, 2018, 2018, 1-9.	1.3	10
67	Healthy play, better coping: The importance of play for the development of children in health and disease. Neuroscience and Biobehavioral Reviews, 2018, 95, 421-429.	6.1	137
68	Early Prediction of Hypoxic-Ischemic Brain Injury by a New Panel of Biomarkers in a Population of Term Newborns. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-10.	4.0	29
69	Neurodevelopment After Perinatal Arterial Ischemic Stroke. Pediatrics, 2018, 142, .	2.1	65
70	MRI Changes in the Thalamus and Basal Ganglia of Full-Term Neonates with Perinatal Asphyxia. Neonatology, 2018, 114, 253-260.	2.0	19
71	Neuroprotective Drugs in Infants With Severe Congenital Heart Disease: A Systematic Review. Frontiers in Neurology, 2018, 9, 521.	2.4	10
72	Amplitude-Integrated Electroencephalography for Early Recognition of Brain Injury in Neonates with Critical Congenital Heart Disease. Journal of Pediatrics, 2018, 202, 199-205.e1.	1.8	24

#	Article	IF	Citations
73	Allopurinol: Old Drug, New Indication in Neonates?. Current Pharmaceutical Design, 2018, 23, 5935-5942.	1.9	27
74	The emergence of functional architecture during early brain development. NeuroImage, 2017, 160, 2-14.	4.2	119
75	Neonatal Surgery for Noncardiac Congenital Anomalies: Neonates at Risk of Brain Injury. Journal of Pediatrics, 2017, 182, 335-341.e1.	1.8	56
76	Clinical Risk Factors for Punctate White Matter Lesions on Early Magnetic Resonance Imaging in Preterm Newborns. Journal of Pediatrics, 2017, 182, 34-40.e1.	1.8	36
77	MRI and spectroscopy in (near) term neonates with perinatal asphyxia and therapeutic hypothermia. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2017, 102, F147-F152.	2.8	61
78	MR imaging for accurate prediction of outcome after perinatal arterial ischemic stroke: Sooner not necessarily better. European Journal of Paediatric Neurology, 2017, 21, 666-670.	1.6	7
79	Neuroimaging, cardiovascular physiology, and functional outcomes in infants with congenital heart disease. Developmental Medicine and Child Neurology, 2017, 59, 894-902.	2.1	46
80	Automatic quantification of ischemic injury on diffusion-weighted MRI of neonatal hypoxic ischemic encephalopathy. NeuroImage: Clinical, 2017, 14, 222-232.	2.7	14
81	Rhythmic EEG patterns in extremely preterm infants: Classification and association with brain injury and outcome. Clinical Neurophysiology, 2017, 128, 2428-2435.	1.5	20
82	Punctate White Matter Lesions Associated With Altered Brain Development And Adverse Motor Outcome In Preterm Infants. Scientific Reports, 2017, 7, 13250.	3.3	56
83	How to improve sleep in a neonatal intensive care unit: A systematic review. Early Human Development, 2017, 113, 78-86.	1.8	62
84	White matter maturation in the neonatal brain is predictive of school age cognitive capacities in children born very preterm. Developmental Medicine and Child Neurology, 2017, 59, 939-946.	2.1	36
85	Brain Oxygenation During Thoracoscopic Repair of Long Gap Esophageal Atresia. World Journal of Surgery, 2017, 41, 1384-1392.	1.6	19
86	Prediction of cognitive and motor outcome of preterm infants based on automatic quantitative descriptors from neonatal MR brain images. Scientific Reports, 2017, 7, 2163.	3.3	25
87	Cerebello-cerebral connectivity in the developing brain. Brain Structure and Function, 2017, 222, 1625-1634.	2.3	22
88	Predictive Role of F2-Isoprostanes as Biomarkers for Brain Damage after Neonatal Surgery. Disease Markers, 2017, 2017, 1-9.	1.3	3
89	Effect of general anesthesia on neonatal aEEGâ€"A cohort study of patients with non-cardiac congenital anomalies. PLoS ONE, 2017, 12, e0183581.	2.5	22
90	Early biomarkers of brain injury and cerebral hypo- and hyperoxia in the SafeBoosC II trial. PLoS ONE, 2017, 12, e0173440.	2.5	37

#	Article	IF	Citations
91	Preterm brain injury on term-equivalent age MRI in relation to perinatal factors and neurodevelopmental outcome at two years. PLoS ONE, 2017, 12, e0177128.	2.5	58
92	Automatic Segmentation of MR Brain Images With a Convolutional Neural Network. IEEE Transactions on Medical Imaging, 2016, 35, 1252-1261.	8.9	676
93	Delayed cortical gray matter development in neonates with severe congenital heart disease. Pediatric Research, 2016, 80, 668-674.	2.3	48
94	Magnetic resonance imaging based noninvasive measurements of brain hemodynamics in neonates: a review. Pediatric Research, 2016, 80, 641-650.	2.3	11
95	Longitudinal Regional Brain Development and Clinical Risk Factors in Extremely Preterm Infants. Journal of Pediatrics, 2016, 178, 93-100.e6.	1.8	42
96	Relation between clinical risk factors, early cortical changes, and neurodevelopmental outcome in preterm infants. NeuroImage, 2016, 142, 301-310.	4.2	58
97	Neonatal brain oxygenation during thoracoscopic correction of esophageal atresia. Surgical Endoscopy and Other Interventional Techniques, 2016, 30, 2811-2817.	2.4	43
98	Cortical Sparing in Preterm Ischemic Arterial Stroke. Stroke, 2016, 47, 869-871.	2.0	9
99	Brain Volumes at Term-Equivalent Age in Preterm Infants: Imaging Biomarkers for Neurodevelopmental Outcome through Early School Age. Journal of Pediatrics, 2016, 172, 88-95.	1.8	102
100	The SafeBoosC II randomized trial: treatment guided by near-infrared spectroscopy reduces cerebral hypoxia without changing early biomarkers of brain injury. Pediatric Research, 2016, 79, 528-535.	2.3	63
101	Effects of Posthemorrhagic Ventricular Dilatation in the Preterm InfantÂonÂBrain Volumes and White Matter Diffusion Variables atÂTerm-Equivalent Age. Journal of Pediatrics, 2016, 168, 41-49.e1.	1.8	51
102	Impaired oligodendrocyte maturation in preterm infants: Potential therapeutic targets. Progress in Neurobiology, 2016, 136, 28-49.	5.7	110
103	Brain injury in the international multicenter randomized SafeBoosC phase II feasibility trial: cranial ultrasound and magnetic resonance imaging assessments. Pediatric Research, 2016, 79, 466-472.	2.3	27
104	MRI Based Preterm White Matter Injury Classification: The Importance of Sequential Imaging in Determining Severity of Injury. PLoS ONE, 2016, 11, e0156245.	2.5	59
105	Therapeutic Hypothermia Modifies Perinatal Asphyxia-Induced Changes of the Corpus Callosum and Outcome in Neonates. PLoS ONE, 2015, 10, e0123230.	2.5	19
106	Early Oxygen-Utilization and Brain Activity in Preterm Infants. PLoS ONE, 2015, 10, e0124623.	2.5	23
107	Cerebral near infrared spectroscopy oximetry in extremely preterm infants: phase II randomised clinical trial. BMJ, The, 2015, 350, g7635-g7635.	6.0	224
108	The Neonatal Connectome During Preterm Brain Development. Cerebral Cortex, 2015, 25, 3000-3013.	2.9	311

#	Article	IF	Citations
109	Early Brain Activity Relates to Subsequent Brain Growth in Premature Infants. Cerebral Cortex, 2015, 25, 3014-3024.	2.9	108
110	Impact of nutrition on brain development and its neuroprotective implications following preterm birth. Pediatric Research, 2015, 77, 148-155.	2.3	173
111	Corticospinal Tract Injury Precedes Thalamic Volume Reduction in Preterm Infants with Cystic Periventricular Leukomalacia. Journal of Pediatrics, 2015, 167, 260-268.e3.	1.8	22
112	Automatic segmentation of MR brain images of preterm infants using supervised classification. NeuroImage, 2015, 118, 628-641.	4.2	71
113	Should early cranial MRI of preterm infants become routine?. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2015, 100, F284-F285.	2.8	8
114	Neonatal DTI early after birth predicts motor outcome in preterm infants with periventricular hemorrhagic infarction. Pediatric Research, 2015, 78, 298-303.	2.3	39
115	Maternal allopurinol administration during suspected fetal hypoxia: a novel neuroprotective intervention? A multicentre randomised placebo controlled trial. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2015, 100, F216-F223.	2.8	44
116	Progress in Neonatal Neurology with a Focus on Neuroimaging in the Preterm Infant. Neuropediatrics, 2015, 46, 234-241.	0.6	51
117	Evaluation of automatic neonatal brain segmentation algorithms: The NeoBrainS12 challenge. Medical Image Analysis, 2015, 20, 135-151.	11.6	85
118	Development of Cortical Morphology Evaluated with Longitudinal MR Brain Images of Preterm Infants. PLoS ONE, 2015, 10, e0131552.	2.5	60
119	Sequential Cranial Ultrasound and Cerebellar Diffusion Weighted Imaging Contribute to the Early Prognosis of Neurodevelopmental Outcome in Preterm Infants. PLoS ONE, 2014, 9, e109556.	2.5	35
120	Neuroimaging of White Matter Injury, Intraventricular and Cerebellar Hemorrhage. Clinics in Perinatology, 2014, 41, 69-82.	2.1	66
121	Microstructural brain development between 30 and 40 weeks corrected age in a longitudinal cohort of extremely preterm infants. NeuroImage, 2014, 103, 214-224.	4.2	65
122	Feasibility and Safety of Erythropoietin for Neuroprotection after Perinatal Arterial Ischemic Stroke. Journal of Pediatrics, 2014, 164, 481-486.e2.	1.8	67
123	Different Patterns of Punctate White Matter Lesions in Serially Scanned Preterm Infants. PLoS ONE, 2014, 9, e108904.	2.5	69
124	A phase II randomized clinical trial on cerebral near-infrared spectroscopy plus a treatment guideline versus treatment as usual for extremely preterm infants during the first three days of life (SafeBoosC): study protocol for a randomized controlled trial. Trials, 2013, 14, 120.	1.6	46
125	Imaging the premature brain: ultrasound or MRI?. Neuroradiology, 2013, 55, 13-22.	2.2	69
126	The SafeBoosC Phase II Randomised Clinical Trial: A Treatment Guideline for Targeted Near-Infrared-Derived Cerebral Tissue Oxygenation versus Standard Treatment in Extremely Preterm Infants. Neonatology, 2013, 104, 171-178.	2.0	99

#	Article	IF	Citations
127	Cerebral oxygenation and brain activity after perinatal asphyxia: does hypothermia change their prognostic value?. Pediatric Research, 2013, 74, 180-185.	2.3	101
128	Neonatal posterior cerebral artery stroke: clinical presentation, <scp>MRI</scp> findings, and outcome. Developmental Medicine and Child Neurology, 2013, 55, 283-290.	2.1	42
129	New Reference Values for the Neonatal Cerebral Ventricles. Radiology, 2012, 262, 224-233.	7.3	110
130	Long-term neuroprotective effects of allopurinol after moderate perinatal asphyxia: follow-up of two randomised controlled trials. Archives of Disease in Childhood: Fetal and Neonatal Edition, 2012, 97, F162-F166.	2.8	71
131	Myth: Cerebral palsy cannot be predicted by neonatal brain imaging. Seminars in Fetal and Neonatal Medicine, 2011, 16, 279-287.	2.3	124
132	Phase-Contrast Magnetic Resonance Angiography Measurements of Global Cerebral Blood Flow in the Neonate. Pediatric Research, 2011, 69, 544-547.	2.3	22
133	Fiber Tracking at Term Displays Gender Differences Regarding Cognitive and Motor Outcome at 2 Years of Age in Preterm Infants. Pediatric Research, 2011, 70, 626-632.	2.3	41
134	MR Imaging and Outcome of Term Neonates with Perinatal Asphyxia: Value of Diffusion-weighted MR Imaging and H MR Spectroscopy. Radiology, 2011, 261, 235-242.	7.3	110
135	Does Diffusion Tensor Imaging-Based Tractography at 3 Months of Age Contribute to the Prediction of Motor Outcome After Perinatal Arterial Ischemic Stroke?. Stroke, 2011, 42, 3410-3414.	2.0	54
136	Brain Development of the Preterm Neonate After Neonatal Hydrocortisone Treatment for Chronic Lung Disease. Pediatric Research, 2009, 66, 555-559.	2.3	58
137	Maternal Allopurinol During Fetal Hypoxia Lowers Cord Blood Levels of the Brain Injury Marker S-100B. Pediatrics, 2009, 124, 350-357.	2.1	78
138	Perinatal Arterial Stroke in the Preterm Infant. Seminars in Perinatology, 2008, 32, 344-349.	2.5	31
139	Population Pharmacokinetics of Allopurinol in Full-Term Neonates With Perinatal Asphyxia. Therapeutic Drug Monitoring, 2006, 28, 339-344.	2.0	19
140	Pre-Wallerian Degeneration in the Neonatal Brain Following Perinatal Cerebral Hypoxiaâ€“Ischemia Demonstrated with MRI. Seminars in Perinatology, 2006, 30, 146-150.	2.5	56