

# Malformations of Cortical Development

Neurologist

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Citation Report

#	ARTICLE	IF	CITATIONS
1	The neural stem cell microenvironment. Stembook, 2008, , .	0.3	18
2	Nodular heterotopia is built upon layers. Neurology, 2009, 73, 742-743.	1.1	10
3	Prenatal diagnosis by 3D ultrasound and MRI of an unusual malformation of cortical development with brainâ€œbrain appearance. Journal of Clinical Ultrasound, 2009, 37, 354-359.	0.8	3
4	Dorsal telencephalonâ€œspecific <i>RAA</i> â€œ <i>GEF</i> â€œ1 knockout mice develop heterotopic cortical mass and commissural fiber defect. European Journal of Neuroscience, 2009, 29, 1994-2008.	2.6	38
5	Four distinct phases of basket/stellate cell migration after entering their final destination (the) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 582	2.0	38
6	Classical (Type I) Lissencephaly and Miller-Dieker Syndrome. Pediatric Neurology, 2009, 40, 324-325.	2.1	3
7	Double decussated ipsilateral corticospinal tract in schizencephaly. NeuroReport, 2009, 20, 1434-1438.	1.2	7
8	Populations of Radial Glial Cells Respond Differently to Reelin and Neuregulin1 in a Ferret Model of Cortical Dysplasia. PLoS ONE, 2010, 5, e13709.	2.5	9
9	New trends in neuronal migration disorders. European Journal of Paediatric Neurology, 2010, 14, 1-12.	1.6	70
10	Mutation in <i>PQBP1</i> is associated with periventricular heterotopia. American Journal of Medical Genetics, Part A, 2010, 152A, 2888-2890.	1.2	16
11	Enhanced Infragranular and Supragranular Synaptic Input onto Layer 5 Pyramidal Neurons in a Rat Model of Cortical Dysplasia. Cerebral Cortex, 2010, 20, 2926-2938.	2.9	33
12	A New Method to Measure Cortical Growth in the Developing Brain. Journal of Biomechanical Engineering, 2010, 132, 101004.	1.3	20
13	Axons Pull on the Brain, But Tension Does Not Drive Cortical Folding. Journal of Biomechanical Engineering, 2010, 132, 071013.	1.3	216
14	Metabolic and monogenic causes of seizures in neonates and young infants. Molecular Genetics and Metabolism, 2011, 104, 214-230.	1.1	29
15	Cannabis, endocannabinoids and neurodevelopment. , 2011, , 66-81.		2
17	Periventricular nodular heterotopia. , 0, , 322-329.		0
18	Bilateral Polymicrogyria and MELAS/A3243G Mutation. A Very Uncommon Association. Neuroradiology Journal, 2011, 24, 199-201.	1.2	1
19	Widespread Symmetrical Subcortical Band Heterotopia. Canadian Journal of Neurological Sciences, 2011, 38, 758-759.	0.5	1

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20	Whole-exome sequencing: a powerful technique for identifying novel genes of complex disorders. <i>Clinical Genetics</i> , 2011, 79, 132-133.	2.0	17
21	Neuronal migration disorders in microcephalic osteodysplastic primordial dwarfism type I/III. <i>Acta Neuropathologica</i> , 2011, 121, 545-554.	7.7	18
22	The role of Rho GTPase proteins in CNS neuronal migration. <i>Developmental Neurobiology</i> , 2011, 71, 528-553.	3.0	148
23	Evaluation of White Matter Changes in Agyriaâ€Pachygyria Complex Using Diffusion Tensor Imaging. <i>Journal of Child Neurology</i> , 2011, 26, 433-439.	1.4	9
24	p21-Activated Kinases 1 and 3 Control Brain Size through Coordinating Neuronal Complexity and Synaptic Properties. <i>Molecular and Cellular Biology</i> , 2011, 31, 388-403.	2.3	104
25	Endocannabinoids via CB <sub>1</sub> receptors act as neurogenic niche cues during cortical development. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2012, 367, 3229-3241.	4.0	76
26	Expression of the Nogo-A System in Cortical Lesions of Pediatric Patients With Tuberous Sclerosis Complex and Focal Cortical Dysplasia Type IIb. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012, 71, 665-677.	1.7	13
27	Dystroglycan on Radial Glia End Feet Is Required for Pial Basement Membrane Integrity and Columnar Organization of the Developing Cerebral Cortex. <i>Journal of Neuropathology and Experimental Neurology</i> , 2012, 71, 1047-1063.	1.7	78
28	Neuroimaging of Migrational Disorders in Pediatric Epilepsy. <i>Current Problems in Diagnostic Radiology</i> , 2012, 41, 11-19.	1.4	6
29	Foxp-Mediated Suppression of N-Cadherin Regulates Neuroepithelial Character and Progenitor Maintenance in the CNS. <i>Neuron</i> , 2012, 74, 314-330.	8.1	157
30	TUBA1A Mutation-Associated Lissencephaly: Case Report and Review of the Literature. <i>Pediatric Neurology</i> , 2012, 46, 127-131.	2.1	40
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32	Malformations of cortical development of the human brain: A pictorial essay. <i>Journal of Neuroradiology</i> , 2012, 39, 205-217.	1.1	7
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34	Magnetic resonance diffusion tensor imaging metrics in perilesional white matter among children with periventricular nodular gray matter heterotopia. <i>Pediatric Radiology</i> , 2013, 43, 1196-1203.	2.0	10
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36	Reduced densities of parvalbumin- and somatostatin-expressing interneurons in experimental cortical dysplasia and heterotopia in early postnatal development. <i>Epilepsy Research</i> , 2013, 104, 226-233.	1.6	10
37	Neuroimaging in the Evaluation of Epilepsy. <i>Seminars in Neurology</i> , 2013, 32, 361-373.	1.4	16

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38	Lissencephalies and Axon Guidance Disorders. , 2013, , 573-615.		0
39	How Brains Are Built: Genetics and Evolution. Brain, Behavior and Evolution, 2013, 81, 71-73.	1.7	2
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42	Enrichment and Training Improve Cognition in Rats with Cortical Malformations. PLoS ONE, 2013, 8, e84492.	2.5	30
43	BPA Effects In Vivo: Evidence from Animal Studies. , 2014, , 89-114.		1
44	Mechanical forces in cerebral cortical folding: A review of measurements and models. Journal of the Mechanical Behavior of Biomedical Materials, 2014, 29, 568-581.	3.1	158
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48	Role of mechanical factors in cortical folding development. Physical Review E, 2015, 92, 032701.	2.1	39
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52	Characterization of 28 novel patients expands the mutational and phenotypic spectrum of Lowe syndrome. Pediatric Nephrology, 2015, 30, 931-943.	1.7	35
53	Gyrification in the Human Brain. , 2015, , 37-44.		2
54	Assessment of the diagnostic reliability of brain CT and MRI in pediatric epilepsy patients. Egyptian Journal of Radiology and Nuclear Medicine, 2015, 46, 1129-1141.	0.6	0
55	Location of Irritative Zone in Epileptic Brains of Schizencephalic Patients. Clinical EEG and Neuroscience, 2016, 47, 235-242.	1.7	3

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56	Lhermitte-Duclos disease with neurofibrillary tangles in heterotopic cerebral grey matter. <i>Folia Neuropathologica</i> , 2016, 2, 190-196.	1.2	1
57	Rats with Malformations of Cortical Development Exhibit Decreased Length of AIS and Hypersensitivity to Pilocarpine-Induced Status Epilepticus. <i>Neurochemical Research</i> , 2016, 41, 2215-2222.	3.3	2
58	Prenatal carbon monoxide impairs migration of interneurons into the cerebral cortex. <i>NeuroToxicology</i> , 2016, 53, 31-44.	3.0	5
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60	Role of the endocannabinoid system in vertebrates: Emphasis on the zebrafish model. <i>Development Growth and Differentiation</i> , 2017, 59, 194-210.	1.5	53
61	Cytosine-5 RNA Methylation Regulates Neural Stem Cell Differentiation and Motility. <i>Stem Cell Reports</i> , 2017, 8, 112-124.	4.8	141
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64	How Early Can a Seizure Happen? Pathophysiological Considerations of Extremely Premature Infant Brain Development. <i>Developmental Neuroscience</i> , 2018, 40, 417-436.	2.0	21
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66	Congenital Malformations of the Brain: Spectrum and Causes. , 2018, , 2125-2142.		0
67	Congenital Malformations of the Central Nervous System. , 2018, , 857-878.e5.		4
68	Essentials of Neurology and Neuromuscular Disorders. , 2019, , 561-580.e4.		2
69	Migration and Synaptic Aspects of Neurons Derived from Human Induced Pluripotent Stem Cells from Patients with Focal Cortical Dysplasia II. <i>Neuroscience</i> , 2019, 408, 81-90.	2.3	5
70	Morphological and Advanced Imaging of Epilepsy: Beyond the Basics. <i>Children</i> , 2019, 6, 43.	1.5	11
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72	A three-layer mechanical model for the analysis of effects of pia matter on cortical folding. <i>Engineering Computations</i> , 2019, 36, 2634-2650.	1.4	4
73	Neuronal migration in the CNS during development and disease: insights from <i>in vivo</i> and <i>in vitro</i> models. <i>Development (Cambridge)</i> , 2019, 146, .	2.5	110

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74	Clinical Implementation of Targeted Gene Sequencing for Malformation of Cortical Development. <i>Pediatric Neurology</i> , 2020, 103, 27-34.	2.1	5
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76	Anxious Behavior of Adult CD1 Mice Perinatally Exposed to Low Concentrations of Ethanol Correlates With Morphological Changes in Cingulate Cortex and Amygdala. <i>Frontiers in Behavioral Neuroscience</i> , 2020, 14, 92.	2.0	4
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81	Circuit Mechanisms Underlying Epileptogenesis in a Mouse Model of Focal Cortical Malformation. <i>Current Biology</i> , 2021, 31, 334-345.e4.	3.9	9
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90	Maternal Bisphenol A (BPA) Exposure Alters Cerebral Cortical Morphogenesis and Synaptic Function in Mice. <i>Cerebral Cortex</i> , 2021, 31, 5598-5612.	2.9	11
91	Neurodevelopmental Findings and Epilepsy in Malformations of Cortical Development. , 2021, 56, 356-356.		1

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95	Mechanism Exploration of 3-Hinge Gyral Formation and Pattern Recognition. <i>Cerebral Cortex Communications</i> , 2021, 2, tgab044.	1.6	7
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