Stephen Ashwal

List of Publications by Year
in descending order

51 papers	2,648 citations	186209 28 h-index	189801 50 g-index
53 all docs	53 docs citations	53 times ranked	2983 citing authors

#	Article	IF	Citations
1	Practice Parameter: Evaluation of the child with microcephaly (an evidence-based review) [RETIRED]. Neurology, 2009, 73, 887-897.	1.5	244
2	Practice guideline update summary: Corticosteroid treatment of Duchenne muscular dystrophy. Neurology, 2016, 86, 465-472.	1.5	183
3	Failure of electroencephalography to diagnose brain death in comatose children. Annals of Neurology, 1979, 6, 512-517.	2.8	151
4	Practice Guideline Update Recommendations Summary: Disorders of Consciousness. Archives of Physical Medicine and Rehabilitation, 2018, 99, 1699-1709.	0.5	144
5	Regional Cerebral Blood Flow: Studies in the Fetal Lamb during Hypoxia, Hypercapnia, Addosis, and Hypotension. Pediatric Research, 1984, 18, 1309-1316.	1.1	143
6	Susceptibility-Weighted Imaging and Proton Magnetic Resonance Spectroscopy in Assessment of Outcome After Pediatric Traumatic Brain Injury. Archives of Physical Medicine and Rehabilitation, 2006, 87, 50-58.	0.5	110
7	Mechanisms of Perinatal Arterial Ischemic Stroke. Journal of Cerebral Blood Flow and Metabolism, 2014, 34, 921-932.	2.4	105
8	The persistent vegetative state in children: Report of the child neurology society ethics committee. Annals of Neurology, 1992, 32, 570-576.	2.8	102
9	Comprehensive Systematic Review Update Summary: Disorders of Consciousness. Archives of Physical Medicine and Rehabilitation, 2018, 99, 1710-1719.	0.5	100
10	Proton Spectroscopy Detected Myoinositol in Children with Traumatic Brain Injury. Pediatric Research, 2004, 56, 630-638.	1.1	97
11	Proton Magnetic Resonance Spectroscopy: An Emerging Technology in Pediatric Neurology Research. Pediatric Research, 1998, 44, 1-10.	1.1	91
12	Improved long-term outcome after transient cerebral ischemia in aquaporin-4 knockout mice. Journal of Cerebral Blood Flow and Metabolism, 2017, 37, 277-290.	2.4	84
13	Use of Advanced Neuroimaging Techniques in the Evaluation of Pediatric Traumatic Brain Injury. Developmental Neuroscience, 2006, 28, 309-326.	1.0	80
14	1H-magnetic resonance spectroscopy?determined cerebral lactate and poor neurological outcomes in children with central nervous system disease. Annals of Neurology, 1997, 41, 470-481.	2.8	72
15	Evidence in focus: Nusinersen use in spinal muscular atrophy. Neurology, 2018, 91, 923-933.	1.5	72
16	Comparison of Two Neonatal Ischemic Injury Models Using Magnetic Resonance Imaging. Pediatric Research, 2007, 61, 9-14.	1.1	70
17	Proton MR spectroscopy in children with acute brain injury: Comparison of short and long echo time acquisitions. Journal of Magnetic Resonance Imaging, 2000, 11, 9-19.	1.9	69
18	Patterns of Fetal Lamb Regional Cerebral Blood Flow during and after Prolonged Hypoxia. Pediatric Research, 1980, 14, 1104-1110.	1.1	64

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19	Xenon computed tomography measuring cerebral blood flow in the determination of brain death in children. Annals of Neurology, 1989, 25, 539-546.	2.8	54
20	L-NAME Reduces Infarct Volume in a Filament Model of Transient Middle Cerebral Artery Occlusion in the Rat Pup. Pediatric Research, 1995, 38, 652-656.	1.1	53
21	Application of Advanced Neuroimaging Modalities in Pediatric Traumatic Brain Injury. Journal of Child Neurology, 2014, 29, 1704-1717.	0.7	49
22	Core and Penumbral Nitric Oxide Synthase Activity during Cerebral Ischemia and Reperfusion in the Rat Pup. Pediatric Research, 1999, 46, 390-390.	1.1	44
23	Child Neurology in the 20th Century. Pediatric Research, 2003, 53, 345-361.	1.1	43
24	The minimally conscious state in children. Seminars in Pediatric Neurology, 2002, 9, 19-34.	1.0	41
25	Advanced Neuroimaging in Children with Nonaccidental Trauma. Developmental Neuroscience, 2010, 32, 343-360.	1.0	35
26	Automated detection of brain abnormalities in neonatal hypoxia ischemic injury from MR images. Medical Image Analysis, 2014, 18, 1059-1069.	7.0	35
27	CNS primitive neuroectodermal tumors of childhood. Medical and Pediatric Oncology, 1984, 12, 180-188.	1.0	32
28	Recovery of consciousness and life expectancy of children in a vegetative state. Neuropsychological Rehabilitation, 2005, 15, 190-197.	1.0	32
29	Developmental Changes in Thickness, Contractility, and Hypoxic Sensitivity of Newborn Lamb Cerebral Arteries. Pediatric Research, 1987, 22, 192-196.	1.1	28
30	Longitudinal Metabolite Changes after Traumatic Brain Injury: A Prospective Pediatric Magnetic Resonance Spectroscopic Imaging Study. Journal of Neurotrauma, 2019, 36, 1352-1360.	1.7	27
31	Reparative effects of neural stem cells in neonatal rats with hypoxicâ€“ischemic injury are not influenced by host sex. Pediatric Research, 2014, 75, 603-611.	1.1	25
32	Medical aspects of the minimally conscious state in children. Brain and Development, 2003, 25, 535-545.	0.6	23
33	Serial proton magnetic resonance spectroscopy of the brain in children undergoing cardiac surgery. Pediatric Neurology, 2003, 29, 99-110.	1.0	22
34	Neuroimaging As a Basis for Rational Stem Cell Therapy. Pediatric Neurology, 2009, 40, 227-236.	1.0	22
35	RUD SYNDROME REVISITED: ICHTHYOSIS, MENTAL RETARDATION, EPILEPSY AND HYPOGONADISM. Developmental Medicine and Child Neurology, 1985, 27, 335-343.	1.1	13
36	Hypothermia Modulates Cytokine Responses After Neonatal Rat Hypoxic-Ischemic Injury and Reduces Brain Damage. ASN Neuro, 2014, 6, 175909141455841.	1.5	13

#	Article	IF	Citations
37	Ischemic stroke segmentation in multi-sequence MRI by symmetry determined superpixel based hierarchical clustering. Computers in Biology and Medicine, 2020, 116, 103536.	3.9	13
38	A new form of sea-blue histiocytosis associated with progressive anterior horn cell and axonal degeneration. Annals of Neurology, 1984, 16, 184-192.	2.8	10
39	Disorders of consciousness. Developmental Medicine and Child Neurology, 2013, 55, 5-6.	1.1	7
40	Evolving White Matter Injury following Pediatric Traumatic Brain Injury. Journal of Neurotrauma, 2021, 38, 111-121.	1.7	7
41	Brain death in infants and children. Critical Care Nurse, 2006, 26, 117-24, 126-8.	0.5	7
42	Formation and Growth of the Child Neurology Society. Pediatric Neurology, 2019, 92, 6-15.	1.0	6
43	Historical aspects of the neonatal neurological examination: Why child neurologists are not â€˜littleâ€™ adult neurologists. Journal of the History of the Neurosciences, 1995, 4, 3-24.	0.1	5
44	Cosyntropin Attenuates Neuroinflammation in a Mouse Model of Traumatic Brain Injury. Frontiers in Molecular Neuroscience, 2020, 13, 109.	1.4	5
45	Child Neurology Practice Guidelines: Past, Present, and Future. Pediatric Neurology, 2015, 52, 290-301.	1.0	4
46	A Biomarker for Predicting Responsiveness to Stem Cell Therapy Based on Mechanism-of-Action: Evidence from Cerebral Injury. Cell Reports, 2020, 31, 107622.	2.9	4
47	Pediatric vegetative state: epidemiological and clinical issues. NeuroRehabilitation, 2004, 19, 349-60.	0.5	3
48	Kenneth Fred Swaiman (1931 to 2020). Pediatric Neurology, 2021, 115, 73-74.	1.0	2
49	Post-traumatic Neuroinflammation: Relevance to Pediatrics. Pediatric Neurology, 2021, 122, 50-58.	1.0	1
50	Kenneth Swaiman: A Festschrift to Honor His Legacy. Pediatric Neurology, 2021, 122, 38-40.	1.0	0
51	Synthetic Corticotropin Therapy Reduces Microglial Activation in a Rodent TBI Model. FASEB Journal, 2019, 33, 557.12.	0.2	0