

# Harvey B Sarnat

## List of Publications by Year in descending order

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62  
papers

2,055  
citations

257450

24  
h-index

265206

42  
g-index

64  
all docs

64  
docs citations

64  
times ranked

2126  
citing authors

#	ARTICLE	IF	CITATIONS
1	Maturational Arrest of Fetal Muscle in Neonatal Myotonic Dystrophy. Archives of Neurology, 1976, 33, 466.	4.5	121
2	Regional Differentiation of the Human Fetal Ependyma: Immunocytochemical Markers. Journal of Neuropathology and Experimental Neurology, 1992, 51, 58-75.	1.7	113
3	International recommendation for a comprehensive neuropathologic workup of epilepsy surgery brain tissue: A consensus Task Force report from the <sc>ILAE</sc> Commission on Diagnostic Methods. Epilepsia, 2016, 57, 348-358.	5.1	110
4	Hemimegalencephaly: Part 2. Neuropathology Suggests a Disorder of Cellular Lineage. Journal of Child Neurology, 2003, 18, 776-785.	1.4	106
5	Embryology of the Neural Crest: Its Inductive Role in the Neurocutaneous Syndromes. Journal of Child Neurology, 2005, 20, 637-643.	1.4	93
6	Fetal Brain mTOR Signaling Activation in Tuberous Sclerosis Complex. Cerebral Cortex, 2014, 24, 315-327.	2.9	92
7	The <sc>ILAE</sc> consensus classification of focal cortical dysplasia: An update proposed by an ad hoc task force of the <sc>ILAE</sc> diagnostic methods commission. Epilepsia, 2022, 63, 1899-1919.	5.1	88
8	Olfactory reflexes in the newborn infant. Journal of Pediatrics, 1978, 92, 624-626.	1.8	87
9	Role of human fetal ependyma. Pediatric Neurology, 1992, 8, 163-178.	2.1	86
10	Clinical neuropathology practice guide 5-2013: markers of neuronal maturation. , 2013, 32, 340-369.		82
11	Infantile tauopathies: Hemimegalencephaly; tuberous sclerosis complex; focal cortical dysplasia 2; ganglioglioma. Brain and Development, 2015, 37, 553-562.	1.1	72
12	Immunocytochemical markers of neuronal maturation in human diagnostic neuropathology. Cell and Tissue Research, 2015, 359, 279-294.	2.9	56
13	Pompe Disease: Diagnosis and Management. Evidence-Based Guidelines from a Canadian Expert Panel. Canadian Journal of Neurological Sciences, 2016, 43, 472-485.	0.5	54
14	Toward a better definition of focal cortical dysplasia: An iterative histopathological and genetic agreement trial. Epilepsia, 2021, 62, 1416-1428.	5.1	54
15	Synaptophysin Immunoreactivity in the Human Hippocampus and Neocortex From 6 to 41 Weeks of Gestation. Journal of Neuropathology and Experimental Neurology, 2010, 69, 234-245.	1.7	53
16	Timing in Neural Maturation: Arrest, Delay, Precociousness, and Temporal Determination of Malformations. Pediatric Neurology, 2015, 52, 473-486.	2.1	50
17	Epilepsies associated with focal cortical dysplasias (FCDs). Acta Neuropathologica, 2014, 128, 5-19.	7.7	40
18	Maturation and Dysgenesis of the Human Olfactory Bulb. Brain Pathology, 2016, 26, 301-318.	4.1	40

#	ARTICLE	IF	CITATIONS
19	Radial Microcolumnar Cortical Architecture: Maturation Arrest or Cortical Dysplasia?. <i>Pediatric Neurology</i> , 2013, 48, 259-270.	2.1	38
20	WHAT'S NEW IN NEUROEMBRYOLOGY? Cajal's Retzius and subplate neurons: their role in cortical development. <i>European Journal of Paediatric Neurology</i> , 2002, 6, 91-97.	1.6	35
21	Telencephalic Flexure and Malformations of the Lateral Cerebral (Sylvian) Fissure. <i>Pediatric Neurology</i> , 2016, 63, 23-38.	2.1	35
22	Î±-B-Crystallin as a Tissue Marker of Epileptic Foci in Paediatric Resections. <i>Canadian Journal of Neurological Sciences</i> , 2009, 36, 566-574.	0.5	33
23	Role of Cajal-Retzius and subplate neurons in cerebral cortical development. <i>Seminars in Pediatric Neurology</i> , 2002, 9, 302-308.	2.0	32
24	Olfactory Development, Part 1: Function, From Fetal Perception to Adult Wine-Tasting. <i>Journal of Child Neurology</i> , 2017, 32, 566-578.	1.4	27
25	Intravascular lymphomatosis. <i>Muscle and Nerve</i> , 2002, 25, 742-746.	2.2	25
26	Morphogenesis timing of genetically programmed brain malformations in relation to epilepsy. <i>Progress in Brain Research</i> , 2014, 213, 181-198.	1.4	25
27	Is focal cortical dysplasia sporadic? Family evidence for genetic susceptibility. <i>Epilepsia</i> , 2014, 55, e22-6.	5.1	23
28	Synaptic plexi of U-fibre layer beneath focal cortical dysplasias: Role in epileptic networks. , 2018, 37, 262-276.		23
29	Might the olfactory bulb be an origin of olfactory auras in focal epilepsy?. <i>Epileptic Disorders</i> , 2016, 18, 344-355.	1.3	21
30	Excitatory/Inhibitory Synaptic Ratios in Polymicrogyria and Down Syndrome Help Explain Epileptogenesis in Malformations. <i>Pediatric Neurology</i> , 2021, 116, 41-54.	2.1	21
31	Effects of denervation and tenotomy on the gastrocnemius muscle in the frog: A histologic and histochemical study. <i>The Anatomical Record</i> , 1977, 187, 335-346.	1.8	19
32	Acridine orange-RNA fluorescence of maturing neurons in the perinatal rat brain. <i>The Anatomical Record</i> , 1989, 224, 88-93.	1.8	19
33	Cerebral embryopathy in late first trimester: Possible association with swine influenza vaccine. <i>Teratology</i> , 1979, 20, 93-99.	1.6	18
34	Olfactory Development, Part 2: Neuroanatomic Maturation and Dysgeneses. <i>Journal of Child Neurology</i> , 2017, 32, 579-593.	1.4	17
35	Sarnat Grading Scale for Neonatal Encephalopathy after 45 Years: An Update Proposal. <i>Pediatric Neurology</i> , 2020, 113, 75-79.	2.1	17
36	Hereditary Motor Sensory Neuropathy Type I Presenting as Scapuloperoneal Atrophy (Davidenkow) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 Sciences, 1986, 13, 264-266.	0.5	16

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37	Heterotopic Growth of Dysplastic Cerebellum in Frontal Encephalocele in an Infant of a Diabetic Mother. <i>Canadian Journal of Neurological Sciences</i> , 1982, 9, 31-35.	0.5	15
38	Precocious synapses in 13.5-week fetal holoprosencephalic cortex and cyclopean retina. <i>Brain and Development</i> , 2014, 36, 463-471.	1.1	12
39	Synaptogenesis and Myelination in the Nucleus/Tractus Solitarius. <i>Journal of Child Neurology</i> , 2016, 31, 722-732.	1.4	12
40	Development of the human olfactory system. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 164, 29-45.	1.8	12
41	Type II arnold-chiari malformation with normal spine in trisomy 18. <i>Acta Neuropathologica</i> , 1977, 37, 259-262.	7.7	11
42	The Discovery, Proof and Reproof of Neurosecretion: (Speidel, 1917; Scharrer and Scharrer, 1934). <i>Canadian Journal of Neurological Sciences</i> , 1983, 10, 208-212.	0.5	11
43	Hypothesis: Phylogenetic Diseases of the Nervous System. <i>Canadian Journal of Neurological Sciences</i> , 1984, 11, 29-33.	0.5	11
44	Motor Neuron Degeneration in a 20-Week Male Fetus: Spinal Muscular Atrophy Type 0. <i>Canadian Journal of Neurological Sciences</i> , 2007, 34, 215-220.	0.5	11
45	Somatic mutations rather than viral infection classify focal cortical dysplasia type II as mTORopathy. <i>Current Opinion in Neurology</i> , 2016, 29, 388-395.	3.6	11
46	Proteoglycan (Keratan Sulfate) Barrier in Developing Human Forebrain Isolates Cortical Epileptic Networks From Deep Heterotopia, Insulates Axonal Fascicles, and Explains Why Axosomatic Synapses Are Inhibitory. <i>Journal of Neuropathology and Experimental Neurology</i> , 2019, 78, 1147-1159.	1.7	11
47	Focal cortical dysplasia type 1. <i>Brain Pathology</i> , 2021, 31, e12964.	4.1	11
48	Neuropathology of pediatric epilepsy. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 111, 399-416.	1.8	10
49	Phenotype/genotype correlations in epidermal nevus syndrome as a neurocristopathy. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2015, 132, 9-25.	1.8	10
50	Genetics of neural crest and neurocutaneous syndromes. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 111, 309-314.	1.8	9
51	Cerebellar networks and neuropathology of cerebellar developmental disorders. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2018, 154, 109-128.	1.8	9
52	Survey on Olfactory Testing by Pediatric Neurologists: Is the Olfactory a â€œTrueâ€ Cranial Nerve?. <i>Journal of Child Neurology</i> , 2020, 35, 317-321.	1.4	9
53	Blake's pouch cyst in 13q deletion syndrome: Posterior fossa malformations may occur due to disruption of multiple genes. <i>American Journal of Medical Genetics, Part A</i> , 2017, 173, 2442-2445.	1.2	8
54	Neuroembryology and brain malformations. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 111, 117-128.	1.8	6

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55	The 2016 Bernard Sachs Lecture: Timing in Morphogenesis and Genetic Gradients During Normal Development and in Malformations of the Nervous System. <i>Pediatric Neurology</i> , 2018, 83, 3-13.	2.1	5
56	Transitory and Vestigial Structures of the Developing Human Nervous System. <i>Pediatric Neurology</i> , 2021, 123, 86-101.	2.1	5
57	Embryology and neuropathological examination of central nervous system malformations. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2007, 87, 533-554.	1.8	3
58	Editorial Commentary: Inter-observer concordance in applying the Sarnat Grading Scale of neonatal encephalopathy to mildly preterm infants. <i>Pediatric Research</i> , 2020, 87, 622-623.	2.3	2
59	Academic productivity after retirement in pediatric neurology and neuropathology. <i>Neurology</i> , 2018, 91, 36-40.	1.1	1
60	Neuroembryology Education for Paediatric Neurology and Neuropathology Trainees in Canada. <i>Canadian Journal of Neurological Sciences</i> , 2010, 37, 105-109.	0.5	0
61	Synaptic plexi of heterotopic white matter neurons in epileptogenic focal cortical dysplasias. <i>Canadian Journal of Neurological Sciences</i> , 2015, 42, S5-S5.	0.5	0
62	Ontogeny of the reticular formation: its possible relation to the myoclonic epilepsies. <i>Advances in Neurology</i> , 2005, 95, 15-22.	0.8	0