

Harry T Chugani

List of Publications by Year in descending order

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255
papers

15,322
citations

23544

58
h-index

22808

112
g-index

266
all docs

266
docs citations

266
times ranked

12600
citing authors

#	ARTICLE	IF	CITATIONS
1	Positron emission tomography study of human brain functional development. <i>Annals of Neurology</i> , 1987, 22, 487-497.	2.8	1,433
2	Tuberous Sclerosis Complex Diagnostic Criteria Update: Recommendations of the 2012 International Tuberous Sclerosis Complex Consensus Conference. <i>Pediatric Neurology</i> , 2013, 49, 243-254.	1.0	1,185
3	Tuberous Sclerosis Complex Surveillance and Management: Recommendations of the 2012 International Tuberous Sclerosis Complex Consensus Conference. <i>Pediatric Neurology</i> , 2013, 49, 255-265.	1.0	693
4	A Critical Period of Brain Development: Studies of Cerebral Glucose Utilization with PET. <i>Preventive Medicine</i> , 1998, 27, 184-188.	1.6	555
5	Local Brain Functional Activity Following Early Deprivation: A Study of Postinstitutionalized Romanian Orphans. <i>NeuroImage</i> , 2001, 14, 1290-1301.	2.1	477
6	Metabolic costs and evolutionary implications of human brain development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 13010-13015.	3.3	409
7	Abnormal Brain Connectivity in Children After Early Severe Socioemotional Deprivation: A Diffusion Tensor Imaging Study. <i>Pediatrics</i> , 2006, 117, 2093-2100.	1.0	400
8	Surgery for Intractable Infantile Spasms: Neuroimaging Perspectives. <i>Epilepsia</i> , 1993, 34, 764-771.	2.6	275
9	Updated International Tuberous Sclerosis Complex Diagnostic Criteria and Surveillance and Management Recommendations. <i>Pediatric Neurology</i> , 2021, 123, 50-66.	1.0	230
10	Statistical Parametric Mapping: Assessment of Application in Children. <i>NeuroImage</i> , 2000, 12, 538-549.	2.1	226
11	Significance of abnormalities in developmental trajectory and asymmetry of cortical serotonin synthesis in autism. <i>International Journal of Developmental Neuroscience</i> , 2005, 23, 171-182.	0.7	213
12	Hemispherectomy for intractable seizures in children: a report of 58 cases. <i>Child's Nervous System</i> , 1996, 12, 376-384.	0.6	174
13	Epilepsy Surgery Outcome in Children With Tuberous Sclerosis Complex Evaluated With β -[¹¹ C]Methyl-L-Tryptophan Positron Emission Tomography (PET). <i>Journal of Child Neurology</i> , 2005, 20, 429-438.	0.7	169
14	Role of subdural electrocorticography in prediction of long-term seizure outcome in epilepsy surgery. <i>Brain</i> , 2009, 132, 1038-1047.	3.7	157
15	Origin and Propagation of Epileptic Spasms Delineated on Electrocorticography. <i>Epilepsia</i> , 2005, 46, 1086-1097.	2.6	155
16	Functional brain reorganization in children. <i>Brain and Development</i> , 1996, 18, 347-356.	0.6	152
17	Sturge-weber syndrome: A study of cerebral glucose utilization with positron emission tomography. <i>Journal of Pediatrics</i> , 1989, 114, 244-253.	0.9	144
18	Receptive and expressive language activations for sentences. <i>NeuroReport</i> , 1997, 8, 3767-3770.	0.6	140

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19	Human brain serotonin synthesis capacity measured in vivo with $^3\text{-}[C-11]$ methyl-L-tryptophan. , 1998, 28, 33-43.		138
20	Interictal and postictal focal hypermetabolism on positron emission tomography. Pediatric Neurology, 1993, 9, 10-15.	1.0	120
21	Statistical mapping of ictal high-frequency oscillations in epileptic spasms. Epilepsia, 2011, 52, 63-74.	2.6	115
22	Identification of Frontal Lobe Epileptic Foci in Children Using Positron Emission Tomography. Epilepsia, 1997, 38, 1198-1208.	2.6	113
23	Metabolic Maturation of the Brain: A Study of Local Cerebral Glucose Utilization in the Developing Cat. Journal of Cerebral Blood Flow and Metabolism, 1991, 11, 35-47.	2.4	111
24	Neurosurgical Treatment of Refractory Status Epilepticus. Epilepsia, 1992, 33, 546-549.	2.6	110
25	Etiologic Classification of Infantile Spasms in 140 Cases: Role of Positron Emission Tomography. Journal of Child Neurology, 1996, 11, 44-48.	0.7	110
26	Evaluation of Basal Ganglia and Thalamic Inflammation in Children With Pediatric Autoimmune Neuropsychiatric Disorders Associated With Streptococcal Infection and Tourette Syndrome. Journal of Child Neurology, 2015, 30, 749-756.	0.7	110
27	Impairment of dentato-thalamo-cortical pathway in autistic men: language activation data from positron emission tomography. Neuroscience Letters, 1998, 245, 1-4.	1.0	107
28	Hemimegalencephaly: Evaluation with positron emission tomography. Pediatric Neurology, 1993, 9, 21-28.	1.0	106
29	Quantitative Interictal Subdural EEG Analyses in Children with Neocortical ϵ Epilepsy. Epilepsia, 2003, 44, 425-434.	2.6	106
30	Analysis of $[C-11]$ Alpha-Methyl-Tryptophan Kinetics for the Estimation of Serotonin Synthesis Rate In Vivo. Journal of Cerebral Blood Flow and Metabolism, 1997, 17, 659-669.	2.4	103
31	Ictal Patterns of Cerebral Glucose Utilization in Children with Epilepsy. Epilepsia, 1994, 35, 813-822.	2.6	97
32	Hippocampal and Thalamic Diffusion Abnormalities in Children with Temporal Lobe Epilepsy. Epilepsia, 2006, 47, 167-175.	2.6	95
33	Cerebellar Lesions in Tuberous Sclerosis Complex. Journal of Child Neurology, 2006, 21, 846-851.	0.7	93
34	In Vivo Uptake and Metabolism of $^3\text{-}[11C]$ Methyl-L-Tryptophan in Human Brain Tumors. Journal of Cerebral Blood Flow and Metabolism, 2006, 26, 345-357.	2.4	91
35	A Diffusion Tensor Imaging Study of the Cerebellar Pathways in Children With Autism Spectrum Disorder. Journal of Child Neurology, 2010, 25, 1223-1231.	0.7	90
36	Diffusion tensor analysis of temporal and extra-temporal lobe tracts in temporal lobe epilepsy. Epilepsy Research, 2008, 80, 30-41.	0.8	88

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37	Objective Detection of Epileptic Foci by ¹⁸ F-FDG PET in Children Undergoing Epilepsy Surgery. <i>Journal of Nuclear Medicine</i> , 2010, 51, 1901-1907.	2.8	87
38	Brain Organization of Language after Early Unilateral Lesion: A PET Study. <i>Brain and Language</i> , 1998, 62, 422-451.	0.8	86
39	Stiripentol in <i>D</i> -ravel syndrome: Results of a retrospective <i>U</i> . <i>S</i> . study. <i>Epilepsia</i> , 2013, 54, 1595-1604.	2.6	84
40	In vivo animation of auditory-language-induced gamma-oscillations in children with intractable focal epilepsy. <i>NeuroImage</i> , 2008, 41, 1120-1131.	2.1	80
41	Temporal and Extended Temporal Resections for the Treatment of Intractable Seizures in Early Childhood. <i>Pediatric Neurosurgery</i> , 1992, 18, 169-178.	0.4	79
42	Clinical Management of Pediatric Acute-Onset Neuropsychiatric Syndrome: Part II—Use of Immunomodulatory Therapies. <i>Journal of Child and Adolescent Psychopharmacology</i> , 2017, 27, 574-593.	0.7	79
43	Altered Fronto-Striato-Thalamic Connectivity in Children with Tourette Syndrome Assessed with Diffusion Tensor MRI and Probabilistic Fiber Tracking. <i>Journal of Child Neurology</i> , 2009, 24, 669-678.	0.7	78
44	Evaluation of age-related changes in translocator protein (TSPO) in human brain using 11C-[R]-PK11195 PET. <i>Journal of Neuroinflammation</i> , 2012, 9, 232.	3.1	77
45	Evidence for Coupling between Glucose Metabolism and Glutamate Cycling Using FDC PET and 1H Magnetic Resonance Spectroscopy in Patients with Epilepsy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 871-878.	2.4	75
46	The diagnostic value of initial video-EEG monitoring in children—Review of 1000 cases. <i>Epilepsy Research</i> , 2005, 66, 129-135.	0.8	74
47	Electrocorticographic Confirmation of Focal Positron Emission Tomographic Abnormalities in Children with Intractable Epilepsy. <i>Epilepsia</i> , 1990, 31, 731-739.	2.6	73
48	Short-latency median-nerve somatosensory-evoked potentials and induced gamma-oscillations in humans. <i>Brain</i> , 2008, 131, 1793-1805.	3.7	72
49	Ictal high-frequency oscillations at 80-200 Hz coupled with delta phase in epileptic spasms. <i>Epilepsia</i> , 2011, 52, e130-e134.	2.6	72
50	Surgical treatment for refractory epileptic spasms: The Detroit series. <i>Epilepsia</i> , 2015, 56, 1941-1949.	2.6	72
51	Metabolic Changes of Subcortical Structures in Intractable Focal Epilepsy. <i>Epilepsia</i> , 2004, 45, 1100-1105.	2.6	71
52	Neuroimaging in tuberous sclerosis complex. <i>Current Opinion in Neurology</i> , 2007, 20, 142-150.	1.8	71
53	Surgical treatment of West syndrome. <i>Brain and Development</i> , 2001, 23, 668-676.	0.6	70
54	Longitudinal Changes in Cortical Glucose Hypometabolism in Children With Intractable Epilepsy. <i>Journal of Child Neurology</i> , 2006, 21, 26-31.	0.7	69

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55	Autism Spectrum Disorders in Africa: Current Challenges in Identification, Assessment, and Treatment. <i>Journal of Child Neurology</i> , 2016, 31, 1018-1026.	0.7	69
56	Asymmetric and Asynchronous Infantile Spasms. <i>Epilepsia</i> , 1995, 36, 873-882.	2.6	66
57	^{11}C -methyl-L-tryptophan PET for tracer localization of epileptogenic brain regions: clinical studies. <i>Biomarkers in Medicine</i> , 2011, 5, 577-584.	0.6	66
58	Pediatric Cerebral Palsy in Africa. <i>Journal of Child Neurology</i> , 2015, 30, 963-971.	0.7	64
59	Clinical Role of Positron Emission Tomography in Children With Tuberous Sclerosis Complex. <i>Journal of Child Neurology</i> , 1997, 12, 42-52.	0.7	63
60	Plasticity of motor organization in children and adults. <i>NeuroReport</i> , 1997, 8, 3103-3108.	0.6	62
61	Bilateral Medial Prefrontal and Temporal Neocortical Hypometabolism in Children with Epilepsy and Aggression. <i>Epilepsia</i> , 2001, 42, 991-1001.	2.6	62
62	Abnormal Fronto-striatal Connectivity in Children with Histories of Early Deprivation: A Diffusion Tensor Imaging Study. <i>Brain Imaging and Behavior</i> , 2009, 3, 292-297.	1.1	60
63	^{15}O -water PET and intraoperative brain mapping: A comparison in the localization of eloquent cortex. <i>Neurological Research</i> , 1997, 19, 601-608.	0.6	59
64	Cortical glucose metabolism positively correlates with gamma-oscillations in nonlesional focal epilepsy. <i>NeuroImage</i> , 2008, 42, 1275-1284.	2.1	58
65	Differential Patterns of Language and Motor Reorganization Following Early Left Hemisphere Lesion. <i>Archives of Neurology</i> , 1998, 55, 1113.	4.9	57
66	Young patients with focal seizures may have the primary motor area for the hand in the postcentral gyrus. <i>Epilepsy Research</i> , 2007, 76, 131-139.	0.8	57
67	Quantitative brain surface mapping of an electrophysiologic/metabolic mismatch in human neocortical epilepsy. <i>Epilepsy Research</i> , 2009, 87, 77-87.	0.8	57
68	Congruence of happy and sad emotion in music and faces modifies cortical audiovisual activation. <i>NeuroImage</i> , 2011, 54, 2973-2982.	2.1	57
69	Regional cerebral glucose metabolism in clinical subtypes of cerebral palsy. <i>Pediatric Neurology</i> , 1991, 7, 415-425.	1.0	56
70	Landau-Kleffner Syndrome With Continuous Spikes and Waves During Slow-Wave Sleep. <i>Journal of Child Neurology</i> , 1995, 10, 127-133.	0.7	55
71	Is Intraoperative Electrocorticography Reliable in Children with Intractable Neocortical Epilepsy?. <i>Epilepsia</i> , 2004, 45, 1091-1099.	2.6	55
72	Functional Brain Imaging in Pediatrics. <i>Pediatric Clinics of North America</i> , 1992, 39, 777-799.	0.9	54

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73	Incidence of Specific Absolute Neurocognitive Impairment in Globally Intact Children with Histories of Early Severe Deprivation. <i>Child Neuropsychology</i> , 2008, 14, 453-469.	0.8	54
74	Brain Organization of Motor and Language Functions Following Hemispherectomy: A [15O]-Water Positron Emission Tomography Study. <i>Journal of Child Neurology</i> , 1998, 13, 16-22.	0.7	53
75	Alternating Hemiplegia of Childhood: Retrospective Genetic Study and Genotype-Phenotype Correlations in 187 Subjects from the US AHCF Registry. <i>PLoS ONE</i> , 2015, 10, e0127045.	1.1	53
76	A high-yield and simplified procedure for the synthesis of ^{11}C -methyl-L-tryptophan. <i>Nuclear Medicine and Biology</i> , 1996, 23, 1005-1008.	0.3	50
77	Neuroradiological assessment of brain structure and function and its implication in the pathogenesis of West syndrome. <i>Brain and Development</i> , 2001, 23, 488-495.	0.6	50
78	Patterns of Cerebral Glucose Metabolism in Early and Late Stages of Rasmussen's Syndrome. <i>Journal of Child Neurology</i> , 2001, 16, 798-805.	0.7	50
79	Evaluation with alpha-[11C]methyl-L-tryptophan Positron Emission Tomography for Reoperation after Failed Epilepsy Surgery. <i>Epilepsia</i> , 2004, 45, 124-130.	2.6	49
80	Sturge-Weber Syndrome: Recommendations for Surgery. <i>Journal of Child Neurology</i> , 1994, 9, 190-192.	0.7	48
81	^{11}C -Clumazenil PET in Patients with Epilepsy with Dual Pathology. <i>Epilepsia</i> , 1999, 40, 566-574.	2.6	48
82	Exome sequencing of a pedigree with tourette syndrome or chronic tic disorder. <i>Annals of Neurology</i> , 2011, 69, 901-904.	2.8	48
83	Review : Metabolic Imaging: A Window on Brain Development and Plasticity. <i>Neuroscientist</i> , 1999, 5, 29-40.	2.6	45
84	Verbal Recall and Recognition Following Traumatic Brain Injury: A [O-15]-Water Positron Emission Tomography Study. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2001, 23, 196-206.	0.8	45
85	Radiosynthesis of ^{11}C -Levetiracetam: A Potential Marker for PET Imaging of SV2A Expression. <i>ACS Medicinal Chemistry Letters</i> , 2014, 5, 1152-1155.	1.3	45
86	Cerebral hemidecortication alters expression of transforming growth factor alpha mRNA in the neostriatum of developing rats. <i>Molecular Brain Research</i> , 1994, 21, 107-114.	2.5	44
87	Landau-Kleffner Syndrome: Metabolic Abnormalities in Temporal Lobe Are a Common Feature. <i>Journal of Child Neurology</i> , 1997, 12, 489-495.	0.7	44
88	Microstructural Abnormalities in Language and Limbic Pathways in Orphanage-Reared Children. <i>Journal of Child Neurology</i> , 2014, 29, 318-325.	0.7	43
89	Clinical and histopathologic correlates of ^{11}C -alpha-methyl-L-tryptophan (AMT) PET abnormalities in children with intractable epilepsy. <i>Epilepsia</i> , 2011, 52, 1692-1698.	2.6	42
90	A Multidisciplinary Consensus for Clinical Care and Research Needs for Sturge-Weber Syndrome. <i>Pediatric Neurology</i> , 2018, 84, 11-20.	1.0	42

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91	Brain organization for language in children, adolescents, and adults with left hemisphere lesion: A pet study. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 1999, 23, 657-668.	2.5	41
92	Functional neuroimaging in the preoperative evaluation of children with drug-resistant epilepsy. <i>Child's Nervous System</i> , 2006, 22, 810-820.	0.6	41
93	Epilepsy Surgery in a Case of Encephalitis: Use of ¹¹ C-PK11195 Positron Emission Tomography. <i>Pediatric Neurology</i> , 2008, 38, 439-442.	1.0	41
94	Abnormal Language Pathway in Children With Angelman Syndrome. <i>Pediatric Neurology</i> , 2011, 44, 350-356.	1.0	40
95	Cerebral Metabolism following Neonatal or Adult Hemineodecortication in Cats: I. Effects on Glucose Metabolism Using [¹⁴ C]2-Deoxy-D-Glucose Autoradiography. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1996, 16, 134-146.	2.4	39
96	White Matter Volume as a Major Predictor of Cognitive Function in Sturge-Weber Syndrome. <i>Archives of Neurology</i> , 2007, 64, 1169.	4.9	39
97	Differential kinetics of [¹¹ C]methyl-L-tryptophan on PET in low-grade brain tumors. <i>Journal of Neuro-Oncology</i> , 2011, 102, 409-415.	1.4	39
98	Relationship Between EEG and Positron Emission Tomography Abnormalities in Clinical Epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2000, 17, 29-42.	0.9	39
99	Clinical Outcomes in Bilateral Sturge-Weber Syndrome. <i>Pediatric Neurology</i> , 2011, 44, 443-449.	1.0	38
100	In vivo detection of reduced Purkinje cell fibers with diffusion MRI tractography in children with autistic spectrum disorders. <i>Frontiers in Human Neuroscience</i> , 2014, 8, 110.	1.0	37
101	Maturation of Cerebral Oxidative Metabolism in the Cat: A Cytochrome Oxidase Histochemistry Study. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 1992, 12, 1039-1048.	2.4	36
102	Diffusion Tensor Imaging of the Corticospinal Tract Following Cerebral Hemispherectomy. <i>Journal of Child Neurology</i> , 2006, 21, 566-571.	0.7	36
103	Focal decreases of cortical GABA _A receptor binding remote from the primary seizure focus: What do they indicate?. <i>Epilepsia</i> , 2009, 50, 240-250.	2.6	36
104	Corpus Callosotomy for Intractable Epilepsy Revisited: The Children's Hospital of Michigan Series. <i>Journal of Child Neurology</i> , 2017, 32, 624-629.	0.7	36
105	Transient Hypermetabolism of the Basal Ganglia Following Perinatal Hypoxia. <i>Pediatric Neurology</i> , 2007, 36, 330-333.	1.0	35
106	Depression and mental health help-seeking behaviors in a predominantly African American population of children and adolescents with epilepsy. <i>Epilepsia</i> , 2009, 50, 1943-1952.	2.6	35
107	Transient focal cortical increase of interictal glucose metabolism in Sturge-Weber syndrome: Implications for epileptogenesis. <i>Epilepsia</i> , 2011, 52, 1265-1272.	2.6	35
108	Predictors of Cognitive Functions in Children With Sturge-Weber Syndrome: A Longitudinal Study. <i>Pediatric Neurology</i> , 2016, 61, 38-45.	1.0	35

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109	Glucose Metabolism in the Human Cerebellum: An Analysis of Crossed Cerebellar Diaschisis in Children With Unilateral Cerebral Injury. <i>Journal of Child Neurology</i> , 1997, 12, 407-414.	0.7	34
110	Alpha-Methyl-L-Tryptophan Positron Emission Tomography in Epilepsy With Cortical Developmental Malformations. <i>Pediatric Neurology</i> , 2008, 39, 181-188.	1.0	34
111	Altered White Matter Structure of the Dentatorubrothalamic Pathway in Children with Autistic Spectrum Disorders. <i>Cerebellum</i> , 2012, 11, 957-971.	1.4	34
112	Successful surgical treatment of an inflammatory lesion associated with new-onset refractory status epilepticus. <i>Neurosurgical Focus</i> , 2013, 34, E5.	1.0	33
113	The SOFIA Study: Negative Multi-center Study of Low Dose Fluoxetine on Repetitive Behaviors in Children and Adolescents with Autistic Disorder. <i>Journal of Autism and Developmental Disorders</i> , 2020, 50, 3233-3244.	1.7	33
114	Dynamic Gene Expression in the Human Cerebral Cortex Distinguishes Children from Adults. <i>PLoS ONE</i> , 2012, 7, e37714.	1.1	32
115	Abnormal water diffusivity in corticostriatal projections in children with Tourette syndrome. <i>Human Brain Mapping</i> , 2010, 31, 1665-1674.	1.9	31
116	Children With Epilepsy in Africa. <i>Journal of Child Neurology</i> , 2013, 28, 633-644.	0.7	31
117	â€œSubtotalâ€-hemispherectomy in children with intractable focal epilepsy. <i>Epilepsia</i> , 2014, 55, 1926-1933.	2.6	31
118	Increased tryptophan transport in epileptogenic dysembryoplastic neuroepithelial tumors. <i>Journal of Neuro-Oncology</i> , 2012, 107, 365-372.	1.4	30
119	Localization of specific language pathways using diffusionâ€-weighted imaging tractography for presurgical planning of children with intractable epilepsy. <i>Epilepsia</i> , 2015, 56, 49-57.	2.6	29
120	Effect of sleep on interictal spikes and distribution of sleep spindles on electrocorticography in children with focal epilepsy. <i>Clinical Neurophysiology</i> , 2007, 118, 1360-1368.	0.7	28
121	SCN2A Mutation Is Associated With Infantile Spasms and Bitemporal Glucose Hypometabolism. <i>Pediatric Neurology</i> , 2013, 49, 46-49.	1.0	28
122	PET in preoperative evaluation of intractable epilepsy. <i>Pediatric Neurology</i> , 1993, 9, 411-413.	1.0	27
123	Pediatric Rasmussen Encephalitis: Social Communication, Language, PET, and Pathology before and after Hemispherectomy. <i>Brain and Cognition</i> , 1996, 32, 45-66.	0.8	27
124	Brain damage and IQ in unilateral Sturgeâ€-Weber syndrome: Support for a â€œfresh startâ€-hypothesis. <i>Epilepsy and Behavior</i> , 2011, 22, 352-357.	0.9	27
125	Applications of Positron Emission Tomography in the Newborn Nursery. <i>Seminars in Perinatology</i> , 2010, 34, 39-45.	1.1	26
126	Cognitive and motor outcomes in children with unilateral Sturgeâ€-Weber syndrome: Effect of age at seizure onset and side of brain involvement. <i>Epilepsy and Behavior</i> , 2018, 80, 202-207.	0.9	26

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127	Plasticity of the language network in children and adults: Differential effects of early versus late lesions. <i>NeuroImage</i> , 1996, 3, S585.	2.1	25
128	Positron emission tomography and neuropsychological correlations in children with turner's syndrome. <i>Developmental Neuropsychology</i> , 1996, 12, 365-386.	1.0	25
129	Language and Motor Functions Activate Calcified Hemisphere in Patients With Sturge-Weber Syndrome: A Positron Emission Tomography Study. <i>Journal of Child Neurology</i> , 1997, 12, 431-437.	0.7	25
130	Relationship Between Brain Glucose Metabolism Positron Emission Tomography (PET) and Electroencephalography (EEG) in Children With Continuous Spike-and-Wave Activity During Slow-Wave Sleep. <i>Journal of Child Neurology</i> , 2005, 20, 682-690.	0.7	25
131	PET-Derived Biodistribution and Dosimetry of the Benzodiazepine Receptor-Binding Radioligand ¹¹ C-(R)-PK11195 in Children and Adults. <i>Journal of Nuclear Medicine</i> , 2010, 51, 139-144.	2.8	25
132	Functional organization of hand movement in children and adults. <i>NeuroImage</i> , 1996, 3, S402.	2.1	24
133	Prolonged Vigabatrin Treatment Modifies Developmental Changes of GABA A Receptor Binding in Young Children with Epilepsy. <i>Epilepsia</i> , 2001, 42, 1320-1326.	2.6	24
134	Seizures Lead to Elevation of Intracranial Pressure in Children Undergoing Invasive EEG Monitoring. <i>Epilepsia</i> , 2007, 48, 1097-1103.	2.6	24
135	Niemann-Pick Disease Type C: Unique 2-Deoxy-2-[18F] Fluoro-d-Glucose PET Abnormality. <i>Pediatric Neurology</i> , 2011, 44, 57-60.	1.0	24
136	Motor organization after early middle cerebral artery stroke: a pet study. <i>Pediatric Neurology</i> , 1998, 19, 294-298.	1.0	23
137	Developmental Changes of Cortical and Cerebellar Motor Control: A Clinical Positron Emission Tomography Study With Children and Adults. <i>Journal of Child Neurology</i> , 1998, 13, 550-556.	0.7	23
138	Imaging of Serotonin Mechanisms in Epilepsy. <i>Epilepsy Currents</i> , 2005, 5, 201-206.	0.4	23
139	Relationship between aberrant brain connectivity and clinical features in Angelman Syndrome: A new method using tract based spatial statistics of DTI color-coded orientation maps. <i>NeuroImage</i> , 2012, 59, 349-355.	2.1	23
140	Quantification of primary motor pathways using diffusion MRI tractography and its application to predict postoperative motor deficits in children with focal epilepsy. <i>Human Brain Mapping</i> , 2014, 35, 3216-3226.	1.9	23
141	Clinical and metabolic correlates of cerebral calcifications in Sturge-Weber syndrome. <i>Developmental Medicine and Child Neurology</i> , 2017, 59, 952-958.	1.1	23
142	GNAQ Mutation in the Venous Vascular Malformation and Underlying Brain Tissue in Sturge-Weber Syndrome. <i>Neuropediatrics</i> , 2017, 48, 385-389.	0.3	23
143	Proton Magnetic Resonance Spectroscopy in Children With Sturge-Weber Syndrome. <i>Journal of Child Neurology</i> , 1998, 13, 332-335.	0.7	22
144	Quantitative visualization of ictal subdural EEG changes in children with neocortical focal seizures. <i>Clinical Neurophysiology</i> , 2004, 115, 2718-2727.	0.7	22

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145	The use of positron emission tomography in the clinical assessment of epilepsy. <i>Seminars in Nuclear Medicine</i> , 1992, 22, 247-253.	2.5	21
146	Infantile spasms. <i>Current Opinion in Neurology</i> , 1995, 8, 139-144.	1.8	21
147	Quantitative Analysis of Gray- and White-Matter Volumes and Glucose Metabolism in Sturge-Weber Syndrome. <i>Journal of Child Neurology</i> , 2003, 18, 119-126.	0.7	21
148	A perfusion-metabolic mismatch in Sturge-Weber syndrome: A multimodality imaging study. <i>Brain and Development</i> , 2012, 34, 553-562.	0.6	21
149	Independent component analysis tractography combined with a ball-and-stick model to isolate intravoxel crossing fibers of the corticospinal tracts in clinical diffusion MRI. <i>Magnetic Resonance in Medicine</i> , 2013, 70, 441-453.	1.9	21
150	Copper deficiency secondary to a copper transport defect: A new copper metabolic disturbance. <i>Metabolism: Clinical and Experimental</i> , 1994, 43, 1462-1469.	1.5	20
151	The role of the thalamus in neuro-cognitive dysfunction in early unilateral hemispheric injury: A multimodality imaging study of children with Sturge-Weber syndrome. <i>European Journal of Paediatric Neurology</i> , 2010, 14, 425-433.	0.7	20
152	Multimodality Neuroimaging in Tourette Syndrome: Alpha-[¹¹ C] Methyl-L-Tryptophan Positron Emission Tomography and Diffusion Tensor Imaging Studies. <i>Journal of Child Neurology</i> , 2010, 25, 336-342.	0.7	20
153	Thalamic abnormalities in children with continuous spike-wave during slow-wave sleep: An ¹⁸ F-fluorodeoxyglucose positron emission tomography perspective. <i>Epilepsia</i> , 2016, 57, 263-271.	2.6	20
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