

# Csaba Juhász

## List of Publications by Year in descending order

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Version: 2024-02-01

163  
papers

5,109  
citations

81839

39  
h-index

118793

62  
g-index

164  
all docs

164  
docs citations

164  
times ranked

4482  
citing authors

#	ARTICLE	IF	CITATIONS
1	Statistical Parametric Mapping: Assessment of Application in Children. <i>NeuroImage</i> , 2000, 12, 538-549.	2.1	226
2	Epilepsy Surgery Outcome in Children With Tuberous Sclerosis Complex Evaluated With $\pm$ -[11C]Methyl-L-Tryptophan Positron Emission Tomography (PET). <i>Journal of Child Neurology</i> , 2005, 20, 429-438.	0.7	169
3	Role of subdural electrocorticography in prediction of long-term seizure outcome in epilepsy surgery. <i>Brain</i> , 2009, 132, 1038-1047.	3.7	157
4	Origin and Propagation of Epileptic Spasms Delineated on Electrocorticography. <i>Epilepsia</i> , 2005, 46, 1086-1097.	2.6	155
5	Tryptophan metabolism in breast cancers: molecular imaging and immunohistochemistry studies. <i>Nuclear Medicine and Biology</i> , 2012, 39, 926-932.	0.3	154
6	Comparison of Amino Acid Positron Emission Tomographic Radiotracers for Molecular Imaging of Primary and Metastatic Brain Tumors. <i>Molecular Imaging</i> , 2014, 13, 7290.2014.00015.	0.7	122
7	Spontaneous and visually driven high-frequency oscillations in the occipital cortex: Intracranial recording in epileptic patients. <i>Human Brain Mapping</i> , 2012, 33, 569-583.	1.9	121
8	Statistical mapping of ictal high-frequency oscillations in epileptic spasms. <i>Epilepsia</i> , 2011, 52, 63-74.	2.6	115
9	In Vivo Uptake and Metabolism of $\pm$ -[11C]Methyl-L-Tryptophan in Human Brain Tumors. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2006, 26, 345-357.	2.4	91
10	MR susceptibility weighted imaging (SWI) complements conventional contrast enhanced T1 weighted MRI in characterizing brain abnormalities of Sturge-Weber Syndrome. <i>Journal of Magnetic Resonance Imaging</i> , 2008, 28, 300-307.	1.9	89
11	Interictal high-frequency oscillations generated by seizure onset and eloquent areas may be differentially coupled with different slow waves. <i>Clinical Neurophysiology</i> , 2016, 127, 2489-2499.	0.7	89
12	Postnatal maturation of human GABA receptors measured with positron emission tomography. <i>Annals of Neurology</i> , 2001, 49, 618-626.	2.8	87
13	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
14	Is epileptogenic cortex truly hypometabolic on interictal positron emission tomography?. <i>Annals of Neurology</i> , 2000, 48, 88-96.	2.8	77
15	Evidence for Coupling between Glucose Metabolism and Glutamate Cycling Using FDC PET and $^1$ H Magnetic Resonance Spectroscopy in Patients with Epilepsy. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2000, 20, 871-878.	2.4	75
16	Imaging Correlates of Differential Expression of Indoleamine 2,3-Dioxygenase in Human Brain Tumors. <i>Molecular Imaging and Biology</i> , 2009, 11, 460-466.	1.3	75
17	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
18	Surgical treatment for refractory epileptic spasms: The Detroit series. <i>Epilepsia</i> , 2015, 56, 1941-1949.	2.6	72

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19	Metabolic Changes of Subcortical Structures in Intractable Focal Epilepsy. <i>Epilepsia</i> , 2004, 45, 1100-1105.	2.6	71
20	Longitudinal Changes in Cortical Glucose Hypometabolism in Children With Intractable Epilepsy. <i>Journal of Child Neurology</i> , 2006, 21, 26-31.	0.7	69
21	Updates and future horizons on the understanding, diagnosis, and treatment of Sturge-Weber syndrome brain involvement. <i>Developmental Medicine and Child Neurology</i> , 2012, 54, 214-223.	1.1	67
22	Bilateral Medial Prefrontal and Temporal Neocortical Hypometabolism in Children with Epilepsy and Aggression. <i>Epilepsia</i> , 2001, 42, 991-1001.	2.6	62
23	Gamma-oscillations modulated by picture naming and word reading: Intracranial recording in epileptic patients. <i>Clinical Neurophysiology</i> , 2011, 122, 1929-1942.	0.7	58
24	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
25	Quantitative brain surface mapping of an electrophysiologic/metabolic mismatch in human neocortical epilepsy. <i>Epilepsy Research</i> , 2009, 87, 77-87.	0.8	57
26	Cortical calcification in sturge-Weber syndrome on MRI-SWI: Relation to brain perfusion status and seizure severity. <i>Journal of Magnetic Resonance Imaging</i> , 2011, 34, 791-798.	1.9	57
27	Utility of MRI, PET, and ictal SPECT in presurgical evaluation of non-lesional pediatric epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020, 77, 15-28.	0.9	56
28	Accurate Differentiation of Recurrent Gliomas from Radiation Injury by Kinetic Analysis of [ <sup>11</sup> C]-Methyl-Tryptophan PET. <i>Journal of Nuclear Medicine</i> , 2012, 53, 1058-1064.	2.8	55
29	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
30	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
31	Evaluation with alpha-[ <sup>11</sup> C]Methyl-tryptophan Positron Emission Tomography for Reoperation after Failed Epilepsy Surgery. <i>Epilepsia</i> , 2004, 45, 124-130.	2.6	49
32	[ <sup>11</sup> C]Flumazenil PET in Patients with Epilepsy with Dual Pathology. <i>Epilepsia</i> , 1999, 40, 566-574.	2.6	48
33	Olfactory hallucinations elicited by electrical stimulation via subdural electrodes: Effects of direct stimulation of olfactory bulb and tract. <i>Epilepsy and Behavior</i> , 2012, 24, 264-268.	0.9	46
34	Abnormal brain tryptophan metabolism and clinical correlates in Tourette syndrome. <i>Movement Disorders</i> , 2007, 22, 2256-2262.	2.2	45
35	Differentiation of Glioblastomas from Metastatic Brain Tumors by Tryptophan Uptake and Kinetic Analysis: A Positron Emission Tomographic Study with Magnetic Resonance Imaging Comparison. <i>Molecular Imaging</i> , 2013, 12, 7290.2013.00048.	0.7	45
36	Imaging the epileptic brain with positron emission tomography. <i>Neuroimaging Clinics of North America</i> , 2003, 13, 705-716.	0.5	43

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37	Clinical and histopathologic correlates of 11C-alpha-methyl-l-tryptophan (AMT) PET abnormalities in children with intractable epilepsy. <i>Epilepsia</i> , 2011, 52, 1692-1698.	2.6	42
38	Cortico-cortical evoked potentials and stimulation-elicited gamma activity preferentially propagate from lower- to higher-order visual areas. <i>Clinical Neurophysiology</i> , 2013, 124, 1290-1296.	0.7	42
39	A Multidisciplinary Consensus for Clinical Care and Research Needs for Sturge-Weber Syndrome. <i>Pediatric Neurology</i> , 2018, 84, 11-20.	1.0	42
40	Quantification of Tryptophan Transport and Metabolism in Lung Tumors Using PET. <i>Journal of Nuclear Medicine</i> , 2009, 50, 356-363.	2.8	41
41	How to establish causality in epilepsy surgery. <i>Brain and Development</i> , 2013, 35, 706-720.	0.6	41
42	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
43	Differential kinetics of $^{11}\text{C}$ -methyl-l-tryptophan on PET in low-grade brain tumors. <i>Journal of Neuro-Oncology</i> , 2011, 102, 409-415.	1.4	39
44	Relationship Between EEG and Positron Emission Tomography Abnormalities in Clinical Epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2000, 17, 29-42.	0.9	39
45	Clinical Outcomes in Bilateral Sturge-Weber Syndrome. <i>Pediatric Neurology</i> , 2011, 44, 443-449.	1.0	38
46	Increased tryptophan uptake on PET has strong independent prognostic value in patients with a previously treated high-grade glioma. <i>Neuro-Oncology</i> , 2014, 16, 1373-1383.	0.6	37
47	Focal decreases of cortical GABA <sub>A</sub> receptor binding remote from the primary seizure focus: What do they indicate?. <i>Epilepsia</i> , 2009, 50, 240-250.	2.6	36
48	Multimodal imaging-defined subregions in newly diagnosed glioblastoma: impact on overall survival. <i>Neuro-Oncology</i> , 2019, 21, 264-273.	0.6	36
49	Transient Hypermetabolism of the Basal Ganglia Following Perinatal Hypoxia. <i>Pediatric Neurology</i> , 2007, 36, 330-333.	1.0	35
50	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
51	Predictors of Cognitive Functions in Children With Sturge-Weber Syndrome: A Longitudinal Study. <i>Pediatric Neurology</i> , 2016, 61, 38-45.	1.0	35
52	Alpha-Methyl-l-Tryptophan Positron Emission Tomography in Epilepsy With Cortical Developmental Malformations. <i>Pediatric Neurology</i> , 2008, 39, 181-188.	1.0	34
53	Tryptophan PET in pretreatment delineation of newly-diagnosed gliomas: MRI and histopathologic correlates. <i>Journal of Neuro-Oncology</i> , 2013, 112, 121-132.	1.4	34
54	Successful surgical treatment of an inflammatory lesion associated with new-onset refractory status epilepticus. <i>Neurosurgical Focus</i> , 2013, 34, E5.	1.0	33

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55	In vivo metabolism of tryptophan in meningiomas is mediated by indoleamine 2,3-dioxygenase 1. <i>Cancer Biology and Therapy</i> , 2013, 14, 333-339.	1.5	33
56	Hypothesis: Presymptomatic treatment of Sturge-Weber Syndrome With Aspirin and Antiepileptic Drugs May Delay Seizure Onset. <i>Pediatric Neurology</i> , 2019, 90, 8-12.	1.0	33
57	Molecular imaging correlates of tryptophan metabolism via the kynurenine pathway in human meningiomas. <i>Neuro-Oncology</i> , 2015, 17, 1284-92.	0.6	32
58	Tryptophan PET Imaging of the Kynurenine Pathway in Patient-Derived Xenograft Models of Glioblastoma. <i>Molecular Imaging</i> , 2016, 15, 153601211664488.	0.7	32
59	Investigation of the aryl hydrocarbon receptor and the intrinsic tumoral component of the kynurenine pathway of tryptophan metabolism in primary brain tumors. <i>Journal of Neuro-Oncology</i> , 2018, 139, 239-249.	1.4	32
60	Physical and Family History Variables Associated With Neurological and Cognitive Development in Sturge-Weber Syndrome. <i>Pediatric Neurology</i> , 2019, 96, 30-36.	1.0	32
61	Subtotal hemispherectomy in children with intractable focal epilepsy. <i>Epilepsia</i> , 2014, 55, 1926-1933.	2.6	31
62	Increased tryptophan transport in epileptogenic dysembryoplastic neuroepithelial tumors. <i>Journal of Neuro-Oncology</i> , 2012, 107, 365-372.	1.4	30
63	Quantitative analysis of intracranial electrocorticography signals using the concept of statistical parametric mapping. <i>Scientific Reports</i> , 2019, 9, 17385.	1.6	30
64	Localization of specific language pathways using diffusion-weighted imaging tractography for presurgical planning of children with intractable epilepsy. <i>Epilepsia</i> , 2015, 56, 49-57.	2.6	29
65	Cortical gamma oscillations modulated by auditory motor tasks in intracranial recording in patients with epilepsy. <i>Human Brain Mapping</i> , 2010, 31, 1627-1642.	1.9	28
66	Evaluating reverse speech as a control task with language-related gamma activity on electrocorticography. <i>NeuroImage</i> , 2012, 60, 2335-2345.	2.1	28
67	Brain damage and IQ in unilateral Sturge-Weber syndrome: Support for a fresh start hypothesis. <i>Epilepsy and Behavior</i> , 2011, 22, 352-357.	0.9	27
68	Evaluating the arcuate fasciculus with combined diffusion-weighted MRI tractography and electrocorticography. <i>Human Brain Mapping</i> , 2014, 35, 2333-2347.	1.9	27
69	Cognitive and motor outcomes in children with unilateral Sturge-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
70	Assessment of Tryptophan Uptake and Kinetics Using 1-(2- <sup>18</sup> F-Fluoroethyl)-L-Tryptophan and <sup>11</sup> C-Methyl-L-Tryptophan PET Imaging in Mice Implanted with Patient-Derived Brain Tumor Xenografts. <i>Journal of Nuclear Medicine</i> , 2017, 58, 208-213.	2.8	25
71	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
72	Prognostic Molecular and Imaging Biomarkers in Primary Glioblastoma. <i>Clinical Nuclear Medicine</i> , 2017, 42, 341-347.	0.7	24

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73	Imaging tryptophan uptake with positron emission tomography in glioblastoma patients treated with indoximod. <i>Journal of Neuro-Oncology</i> , 2019, 141, 111-120.	1.4	24
74	Quantitative PET Imaging of Tryptophan Accumulation in Gliomas and Remote Cortex. <i>Clinical Nuclear Medicine</i> , 2012, 37, 838-842.	0.7	23
75	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
76	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
77	Differentiation of glioblastomas from metastatic brain tumors by tryptophan uptake and kinetic analysis: a positron emission tomographic study with magnetic resonance imaging comparison. <i>Molecular Imaging</i> , 2013, 12, 327-37.	0.7	23
78	Quantitative visualization of ictal subdural EEG changes in children with neocortical focal seizures. <i>Clinical Neurophysiology</i> , 2004, 115, 2718-2727.	0.7	22
79	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
80	A perfusion-metabolic mismatch in Sturge-Weber syndrome: A multimodality imaging study. <i>Brain and Development</i> , 2012, 34, 553-562.	0.6	21
81	Tryptophan PET predicts spatial and temporal patterns of post-treatment glioblastoma progression detected by contrast-enhanced MRI. <i>Journal of Neuro-Oncology</i> , 2016, 126, 317-325.	1.4	21
82	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
83	Leveraging a Sturge-Weber Gene Discovery: An Agenda for Future Research. <i>Pediatric Neurology</i> , 2016, 58, 12-24.	1.0	19
84	Fluorine-18-Labeled PET Radiotracers for Imaging Tryptophan Uptake and Metabolism: a Systematic Review. <i>Molecular Imaging and Biology</i> , 2020, 22, 805-819.	1.3	19
85	Novel Deep Learning Network Analysis of Electrical Stimulation Mapping-Driven Diffusion MRI Tractography to Improve Preoperative Evaluation of Pediatric Epilepsy. <i>IEEE Transactions on Biomedical Engineering</i> , 2020, 67, 3151-3162.	2.5	19
86	Consensus Statement for the Management and Treatment of Sturge-Weber Syndrome: Neurology, Neuroimaging, and Ophthalmology Recommendations. <i>Pediatric Neurology</i> , 2021, 121, 59-66.	1.0	19
87	Focal White Matter Abnormalities Related to Neurocognitive Dysfunction: An Objective Diffusion Tensor Imaging Study of Children With Sturge-Weber Syndrome. <i>Pediatric Research</i> , 2011, 69, 74-79.	1.1	17
88	Surface-based laminar analysis of diffusion abnormalities in cortical and white matter layers in neocortical epilepsy. <i>Epilepsia</i> , 2013, 54, 667-677.	2.6	17
89	Objective 3D surface evaluation of intracranial electrophysiologic correlates of cerebral glucose metabolic abnormalities in children with focal epilepsy. <i>Human Brain Mapping</i> , 2017, 38, 3098-3112.	1.9	17
90	Neurological Complications of Sturge-Weber Syndrome: Current Status and Unmet Needs. <i>Pediatric Neurology</i> , 2019, 98, 31-38.	1.0	17

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91	Multi-modal imaging of tumor cellularity and Tryptophan metabolism in human Gliomas. <i>Cancer Imaging</i> , 2015, 15, 10.	1.2	16
92	Quality of Life in Children With Sturge-Weber Syndrome. <i>Pediatric Neurology</i> , 2019, 101, 26-32.	1.0	16
93	Assessment of Progression and Treatment Response of Optic Pathway Glioma with Positron Emission Tomography using I±-[11C]Methyl-I-Tryptophan. <i>Molecular Imaging and Biology</i> , 2007, 9, 106-109.	1.3	15
94	Cortical thickness asymmetries and surgical outcome in neocortical epilepsy. <i>Journal of the Neurological Sciences</i> , 2016, 368, 97-103.	0.3	15
95	An almost missed leptomeningeal angioma in Sturge-Weber syndrome. <i>Neurology</i> , 2007, 68, 243-243.	1.5	14
96	Secondary Tics or Tourettism Associated With a Brain Tumor. <i>Pediatric Neurology</i> , 2009, 41, 457-460.	1.0	14
97	Cortical gamma-oscillations modulated by visuomotor tasks. <i>Epilepsy and Behavior</i> , 2010, 18, 254-261.	0.9	14
98	Evolution of animal models in cancer vaccine development. <i>Vaccine</i> , 2015, 33, 7401-7407.	1.7	14
99	Postoperative axonal changes in the contralateral hemisphere in children with medically refractory epilepsy: A longitudinal diffusion tensor imaging connectome analysis. <i>Human Brain Mapping</i> , 2016, 37, 3946-3956.	1.9	14
100	Imaging increased glutamate in children with Sturge-Weber syndrome: Association with epilepsy severity. <i>Epilepsy Research</i> , 2016, 122, 66-72.	0.8	14
101	Comparison of Amino Acid PET to Advanced and Emerging MRI Techniques for Neurooncology Imaging: A Systematic Review of the Recent Studies. <i>Molecular Imaging</i> , 2021, 2021, 1-19.	0.7	14
102	Reorganization of the Right Arcuate Fasciculus Following Left Arcuate Fasciculus Resection in Children With Intractable Epilepsy. <i>Journal of Child Neurology</i> , 2011, 26, 1246-1251.	0.7	13
103	Metabolic correlates of cognitive function in children with unilateral Sturge-Weber syndrome: Evidence for regional functional reorganization and crowding. <i>Human Brain Mapping</i> , 2018, 39, 1596-1606.	1.9	13
104	Evolution of lobar abnormalities of cerebral glucose metabolism in 41 children with drug-resistant epilepsy. <i>Epilepsia</i> , 2018, 59, 1307-1315.	2.6	13
105	Hypotheses from functional neuroimaging studies. <i>International Review of Neurobiology</i> , 2002, 49, 37-55.	0.9	12
106	Paradoxical imaging findings in cerebral gliomas. <i>Journal of the Neurological Sciences</i> , 2008, 269, 180-183.	0.3	12
107	A Sensitive Diffusion Tensor Imaging Quantification Method to Detect Language Laterality in Children. <i>Journal of Child Neurology</i> , 2011, 26, 1516-1521.	0.7	12
108	Tryptophan PET-defined gross tumor volume offers better coverage of initial progression than standard MRI-based planning in glioblastoma patients. <i>Journal of Radiation Oncology</i> , 2014, 3, 131-138.	0.7	12

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109	NIMG-38MULTIMODAL IMAGING OF SPATIAL PATTERNS OF POST-TREATMENT GLIOBLASTOMA PROGRESSION. <i>Neuro-Oncology</i> , 2015, 17, v162.2-v162.	0.6	12
110	Mapping mental calculation systems with electrocorticography. <i>Clinical Neurophysiology</i> , 2015, 126, 39-46.	0.7	12
111	Clinical Significance of Tryptophan Metabolism in the Nontumoral Hemisphere in Patients with Malignant Glioma. <i>Journal of Nuclear Medicine</i> , 2014, 55, 1605-1610.	2.8	11
112	Evaluating signal-correlated noise as a control task with language-related gamma activity on electrocorticography. <i>Clinical Neurophysiology</i> , 2014, 125, 1312-1323.	0.7	11
113	Enlargement of deep medullary veins during the early clinical course of Sturge-Weber syndrome. <i>Neurology</i> , 2017, 88, 103-105.	1.5	11
114	Objective PET study of glucose metabolism asymmetries in children with epilepsy: Implications for normal brain development. <i>Human Brain Mapping</i> , 2019, 40, 53-64.	1.9	11
115	Application of an Objective Method for Localizing Bilateral Cortical FDG PET Abnormalities to Guide the Resection of Epileptic Foci. <i>IEEE Transactions on Biomedical Engineering</i> , 2005, 52, 1574-1581.	2.5	10
116	Evolution of Brain Glucose Metabolic Abnormalities in Children With Epilepsy and SCN1A Gene Variants. <i>Journal of Child Neurology</i> , 2018, 33, 832-836.	0.7	10
117	Deep Relational Reasoning for the Prediction of Language Impairment and Postoperative Seizure Outcome Using Preoperative DWI Connectome Data of Children With Focal Epilepsy. <i>IEEE Transactions on Medical Imaging</i> , 2021, 40, 793-804.	5.4	10
118	Multicenter Research Data of Epilepsy Management in Patients With Sturge-Weber Syndrome. <i>Pediatric Neurology</i> , 2021, 119, 3-10.	1.0	10
119	Autism with Facial Port-Wine Stain: A New Syndrome?. <i>Pediatric Neurology</i> , 2007, 37, 192-199.	1.0	9
120	The impact of positron emission tomography imaging on the clinical management of patients with epilepsy. <i>Expert Review of Neurotherapeutics</i> , 2012, 12, 719-732.	1.4	9
121	Localization of function-specific segments of the primary motor pathway in children with Sturge-Weber syndrome: A multimodal imaging analysis. <i>Journal of Magnetic Resonance Imaging</i> , 2013, 38, 1152-1161.	1.9	9
122	Imaging cerebral tryptophan metabolism in brain tumor-associated depression. <i>EJNMMI Research</i> , 2015, 5, 56.	1.1	9
123	Assessment of brain damage and plasticity in the visual system due to early occipital lesion: Comparison of FDG-PET with diffusion MRI tractography. <i>Journal of Magnetic Resonance Imaging</i> , 2015, 41, 431-438.	1.9	9
124	Amino Acid PET Imaging of the Early Metabolic Response During Tumor-Treating Fields (TTFields) Therapy in Recurrent Glioblastoma. <i>Clinical Nuclear Medicine</i> , 2018, 43, 176-179.	0.7	9
125	Frontal lobe hypometabolism associated with Sudden Unexpected Death in Epilepsy (SUDEP) risk: An objective PET study. <i>Epilepsy and Behavior</i> , 2021, 122, 108185.	0.9	9
126	Quantitative Assessment of Brain Networks in Children With Sturge-Weber Syndrome Using Resting State Functional Magnetic Resonance Imaging (MRI). <i>Journal of Child Neurology</i> , 2013, 28, 1448-1455.	0.7	8



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127	Use of the 2010 McDonald Criteria Can Facilitate Early Diagnosis of Pediatric Multiple Sclerosis in a Predominantly Black Cohort. <i>Pediatric Neurology</i> , 2014, 51, 826-830.	1.0	8
128	Patterns of Structural Reorganization of the Corticospinal Tract in Children With Sturge-Weber Syndrome. <i>Pediatric Neurology</i> , 2014, 50, 337-342.	1.0	8
129	Detection of hand and leg motor tract injury using novel diffusion tensor MRI tractography in children with central motor dysfunction. <i>Magnetic Resonance Imaging</i> , 2015, 33, 895-902.	1.0	7
130	PET and SPECT studies in children with hemispheric low-grade gliomas. <i>Child's Nervous System</i> , 2016, 32, 1823-1832.	0.6	7
131	Intracranial Recording and Source Localization of Auditory Brain Responses Elicited at the 50Åms Latency in Three Children Aged from 3 to 16ÅYears. <i>Brain Topography</i> , 2009, 22, 166-175.	0.8	6
132	Decreased Expression of ZNF554 in Gliomas is Associated with the Activation of Tumor Pathways and Shorter Patient Survival. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5762.	1.8	5
133	Deep cerebral vein expansion with metabolic and neurocognitive recovery in Sturgeâ€“Weber syndrome. <i>Annals of Clinical and Translational Neurology</i> , 2018, 5, 502-506.	1.7	4
134	Multimodal Imaging of Nonenhancing Glioblastoma Regions. <i>Molecular Imaging</i> , 2019, 18, 153601211988522.	0.7	4
135	Feasibility of Multimodal MRI-Based Deep Learning Prediction of High Amino Acid Uptake Regions and Survival in Patients With Glioblastoma. <i>Frontiers in Neurology</i> , 2019, 10, 1305.	1.1	4
136	Toward a better understanding of stroke-like episodes in Sturge-Weber syndrome. <i>European Journal of Paediatric Neurology</i> , 2020, 25, 3.	0.7	4
137	Postnatal maturation of human GABAA receptors measured with positron emission tomography. <i>Annals of Neurology</i> , 2001, 49, 618-626.	2.8	4
138	Prostate-Specific Membrane Antigen as Target for Neuroimaging of Central Nervous System Tumors. <i>Molecular Imaging</i> , 2022, 2022, 5358545.	0.7	4
139	Increased $^{11}\text{C}$ Leucine Uptake in the Leptomeningeal Angioma of Sturgeâ€“Weber Syndrome: A PET Study. <i>Journal of Neuroimaging</i> , 2012, 22, 177-183.	1.0	3
140	Novel diffusion tensor imaging technique reveals developmental streamline volume changes in the corticospinal tract associated with leg motor control. <i>Brain and Development</i> , 2015, 37, 370-375.	0.6	3
141	Computerized seizure detection on ambulatory EEG. <i>Neurology</i> , 2019, 92, 641-642.	1.5	3
142	Molecular Imaging of Brain Tumor-Associated Epilepsy. <i>Diagnostics</i> , 2020, 10, 1049.	1.3	3
143	Deep reasoning neural network analysis to predict language deficits from psychometryâ€“driven DWI connectome of young children with persistent language concerns. <i>Human Brain Mapping</i> , 2021, 42, 3326-3338.	1.9	3
144	Novel diffusion tractography methodology using Kalman filter prediction to improve preoperative benefit-risk analysis in pediatric epilepsy surgery. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 24, 293-305.	0.8	3

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145	Prediction of postoperative deficits using an improved diffusion-weighted imaging maximum a posteriori probability analysis in pediatric epilepsy surgery. <i>Journal of Neurosurgery: Pediatrics</i> , 2019, 23, 648-659.	0.8	3
146	Predicting and Preventing Epilepsy in Sturge-Weber Syndrome?. <i>Pediatric Neurology Briefs</i> , 2016, 30, 43.	0.2	2
147	Prediction of baseline expressive and receptive language function in children with focal epilepsy using diffusion tractography-based deep learning network. <i>Epilepsy and Behavior</i> , 2021, 117, 107909.	0.9	2
148	Diffusion tractography predicts propagated high-frequency activity during epileptic spasms. <i>Epilepsia</i> , 2022, 63, 1787-1798.	2.6	2
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