Imad M Najm

List of Publications by Year
in descending order

		18482	25787
233	14,183	62	108
papers	citations	h-index	g-index

235	235	235	9581
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The clinicopathologic spectrum of focal cortical dysplasias: A consensus classification proposed by an ad hoc Task Force of the ILAE Diagnostic Methods Commission1. Epilepsia, 2011, 52, 158-174.	5.1	1,454
2	Functional connectivity in the human language system: a cortico-cortical evoked potential study. Brain, 2004, 127, 2316-2330.	7.6	569
3	Seizure-Promoting Effect of Blood?Brain Barrier Disruption. Epilepsia, 2007, 48, 732-742.	5.1	442
4	Surgical outcome and prognostic factors of frontal lobe epilepsy surgery. Brain, 2007, 130, 574-584.	7.6	377
5	Is <scp>SEEG</scp> safe? A systematic review and metaâ€analysis of stereoâ€electroencephalographyâ€“related complications. Epilepsia, 2016, 57, 386-401.	5.1	319
6	Antagonism of peripheral inflammation reduces the severity of status epilepticus. Neurobiology of Disease, 2009, 33, 171-181.	4.4	270
7	Technique, Results, and Complications Related to Robot-Assisted Stereoelectroencephalography. Neurosurgery, 2016, 78, 169-180.	1.1	253
8	Somatic Mutations Activating the mTOR Pathway in Dorsal Telencephalic Progenitors Cause a Continuum of Cortical Dysplasias. Cell Reports, 2017, 21, 3754-3766.	6.4	247
9	Predictors of outcome after temporal lobectomy for the treatment of intractable epilepsy. Neurology, 2006, 66, 1938-1940.	1.1	220
10	BDNF mRNA expression in the developing rat brain following kainic acid-induced seizure activity. Neuron, 1992, 8, 1127-1138.	8.1	214
11	Stereoelectroencephalography in the â€œdifficult to localizeâ€•refractory focal epilepsy: Early experience from a North American epilepsy center. Epilepsia, 2013, 54, 323-330.	5.1	213
12	Ripple classification helps to localize the seizureâ€onset zone in neocortical epilepsy. Epilepsia, 2013, 54, 370-376.	5.1	193
13	Stereotactic placement of depth electrodes in medically intractable epilepsy. Journal of Neurosurgery, 2014, 120, 639-644.	1.6	180
14	Regionally specific and rapid increases in brain-derived neurotrophic factor messenger RNA in the adult rat brain following seizures induced by systemic administration of kainic acid. Neuroscience, 1992, 47, 303-315.	2.3	171
15	Diagnostic methods and treatment options for focal cortical dysplasia. Epilepsia, 2015, 56, 1669-1686.	5.1	167
16	Development and validation of nomograms to provide individualised predictions of seizure outcomes after epilepsy surgery: a retrospective analysis. Lancet Neurology, The, 2015, 14, 283-290.	10.2	167
17	Longâ€term seizure outcome after resective surgery in patients evaluated with intracranial electrodes. Epilepsia, 2012, 53, 1722-1730.	5.1	164
18	Temporal patterns and mechanisms of epilepsy surgery failure. Epilepsia, 2013, 54, 772-782.	5.1	164

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19	Epileptogenicity of Focal Malformations Due to Abnormal Cortical Development: Direct Electrocorticographicâ€“Histopathologicâ€ƒCorrelations. Epilepsia, 2003, 44, 69-76.	5.1	161
20	The stereotactic approach for mapping epileptic networks: a prospective study of 200 patients. Journal of Neurosurgery, 2014, 121, 1239-1246.	1.6	157
21	Ganglioglioma and Intractable Epilepsy: Clinical and Neurophysiologic Features and Predictors of Outcome After Surgery. Epilepsia, 1998, 39, 307-313.	5.1	155
22	In Vivo and In Vitro Effects of Pilocarpine: Relevance to Ictogenesis. Epilepsia, 2007, 48, 1934-1946.	5.1	151
23	Review: The international consensus classification of Focal Cortical Dysplasia â€“ a critical update 2018. Neuropathology and Applied Neurobiology, 2018, 44, 18-31.	3.2	151
24	Electro-clinical and imaging characteristics of focal cortical dysplasia: Correlation with pathological subtypes. Epilepsy Research, 2005, 67, 25-33.	1.6	144
25	Focal Cortical Dysplasias in Eloquent Cortex: Functional Characteristics and Correlation with MRI and Histopathologic Changes. Epilepsia, 2002, 43, 27-32.	5.1	141
26	A fingerprint of the epileptogenic zone in human epilepsies. Brain, 2018, 141, 117-131.	7.6	136
27	Improved outcomes with earlier surgery for intractable frontal lobe epilepsy. Annals of Neurology, 2013, 73, 646-654.	5.3	135
28	Postictal Alteration of Sodium Content and Apparent Diffusion Coefficient in Epileptic Rat Brain Induced by Kainic Acid. Epilepsia, 1996, 37, 1000-1006.	5.1	132
29	Correlating magnetoencephalography to stereo-electroencephalography in patients undergoing epilepsy surgery. Brain, 2016, 139, 2935-2947.	7.6	129
30	Voxelâ€based morphometric magnetic resonance imaging (<scp>MRI</scp>) postprocessing in <scp>MRI</scp>â€negative epilepsies. Annals of Neurology, 2015, 77, 1060-1075.	5.3	128
31	Epileptogenicity Correlated with Increased Nâ€Methylâ€<scp>d</scp>â€Aspartate Receptor Subunit NR2A/B in Human Focal Cortical Dysplasia. Epilepsia, 2000, 41, 971-976.	5.1	119
32	Robot-Assisted Stereotactic Laser Ablation in Medically Intractable Epilepsy. Operative Neurosurgery, 2014, 10, 167-173.	0.8	118
33	The pathology of magnetic-resonance-imaging-negative epilepsy. Modern Pathology, 2013, 26, 1051-1058.	5.5	117
34	Parietoâ€frontal network in humans studied by corticoâ€cortical evoked potential. Human Brain Mapping, 2012, 33, 2856-2872.	3.6	110
35	Neuroimaging of Focal Cortical Dysplasia. Journal of Neuroimaging, 2006, 16, 185-196.	2.0	105
36	Cycloheximide prevents kainate-induced neuronal death and c-fos expression in adult rat brain. Journal of Molecular Neuroscience, 1993, 4, 149-159.	2.3	103

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37	Polygenic burden in focal and generalized epilepsies. Brain, 2019, 142, 3473-3481.	7.6	90
38	Seizure outcome and its predictors after temporal lobe epilepsy surgery in patients with normal MRI. Epilepsia, 2011, 52, 1393-1401.	5.1	89
39	Stereoelectroencephalography in Children and Adolescents With Difficult-to-Localize Refractory Focal Epilepsy. Neurosurgery, 2014, 75, 258-268.	1.1	88
40	Automated detection of focal cortical dysplasia type <scp>II</scp> with surfaceâ€based magnetic resonance imaging postprocessing and machine learning. Epilepsia, 2018, 59, 982-992.	5.1	88
41	The <scp>ILAE</scp> consensus classification of focal cortical dysplasia: An update proposed by an ad hoc task force of the <scp>ILAE</scp> diagnostic methods commission. Epilepsia, 2022, 63, 1899-1919.	5.1	88
42	Evaluating the Contributions of State-of-the-Art Assessment Techniques to Predicting Memory Outcome after Unilateral Anterior Temporal Lobectomy. Epilepsia, 2006, 47, 1895-1903.	5.1	86
43	FAILURE OF GAMMA KNIFE RADIOSURGERY FOR MESIAL TEMPORAL LOBE EPILEPSY: REPORT OF FIVE CASES. Neurosurgery, 2004, 54, 1395-1404.	1.1	85
44	The NMDA receptor NR2B subunit contributes to epileptogenesis in human cortical dysplasia. Brain Research, 2005, 1046, 10-23.	2.2	84
45	A longitudinal study of surgical outcome and its determinants following posterior cortex epilepsy surgery. Epilepsia, 2009, 50, 2040-2052.	5.1	83
46	Connections of the limbic network: A corticocortical evoked potentials study. Cortex, 2015, 62, 20-33.	2.4	82
47	MRS Metabolic Markers of Seizures and Seizure-Induced Neuronal Damage. Epilepsia, 1998, 39, 244-250.	5.1	81
48	Temporal lobe epilepsy surgery failures: predictors of seizure recurrence, yield of reevaluation, and outcome following reoperation. Journal of Neurosurgery, 2010, 113, 1186-1194.	1.6	79
49	Resective Epilepsy Surgery for Tuberous Sclerosis in Children. Neurosurgery, 2015, 77, 517-524.	1.1	78
50	Stereoelectroencephalography Following Subdural Grid Placement for Difficult to Localize Epilepsy. Neurosurgery, 2013, 72, 723-729.	1.1	76
51	Increased Numbers of Coassembled PSD-95 to NMDA-receptor Subunits NR2B and NR1 in Human Epileptic Cortical Dysplasia. Epilepsia, 2004, 45, 314-321.	5.1	73
52	Linking MRI postprocessing with magnetic source imaging in MRIâ€negative epilepsy. Annals of Neurology, 2014, 75, 759-770.	5.3	73
53	NMDAâ€Receptors 1 and 2A/B Coassembly Increased in Human Epileptic Focal Cortical Dysplasia. Epilepsia, 1999, 40, 1683-1687.	5.1	71
54	Interictal Epileptiform Discharges in Temporal Lobe Epilepsy Due to Hippocampal Sclerosis Versus Medial Temporal Lobe Tumors. Epilepsia, 1999, 40, 1261-1268.	5.1	70

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55	Electroencephalographic Characterization of an Adult Rat Model of Radiationâ€induced Cortical Dysplasia. Epilepsia, 2001, 42, 1221-1227.	5.1	70
56	Development of highâ€resolution 3D MR fingerprinting for detection and characterization of epileptic lesions. Journal of Magnetic Resonance Imaging, 2019, 49, 1333-1346.	3.4	70
57	Posticta l Diffusionâ€Weighted Imaging for the Localization of Focal Epileptic Areas in Temporal Lobeâ€ƒEpilepsy. Epilepsia, 2001, 42, 21-28.	5.1	68
58	Periictal Diffusion-Weighted Imaging in a Case of Lesional Epilepsy. Epilepsia, 1999, 40, 1667-1671.	5.1	64
59	Localising and lateralising value of ictal piloerection. Journal of Neurology, Neurosurgery and Psychiatry, 2004, 75, 879-883.	1.9	64
60	Expression of Neural Stem Cell Surface Marker CD133 in Balloon Cells of Human Focal Cortical Dysplasia. Epilepsia, 2005, 46, 1716-1723.	5.1	64
61	Risk analysis of hemorrhage in stereoâ€electroencephalography procedures. Epilepsia, 2019, 60, 571-580.	5.1	64
62	Absence of c-fos induction in neonatal rat brain after seizures. Neuroscience Letters, 1992, 136, 31-35.	2.1	63
63	Pathophysiological Mechanisms of Focal Cortical Dysplasia: A Critical Review of Human Tissue Studies and Animal Models. Epilepsia, 2007, 48, 21-32.	5.1	63
64	Value of 7T MRI and postâ€processing in patients with nonlesional 3T MRI undergoing epilepsy presurgical evaluation. Epilepsia, 2020, 61, 2509-2520.	5.1	63
65	Temporal Changes in Proton MRS Metabolites After Kainic Acid-Induced Seizures in Rat Brain. Epilepsia, 1997, 38, 87-94.	5.1	62
66	Severity of Histopathologic Abnormalities and In Vivo Epileptogenicity in the In Utero Radiation Model of Rats Is Dose Dependent. Epilepsia, 2004, 45, 583-591.	5.1	59
67	Application of MRI Post-processing in Presurgical Evaluation of Non-lesional Cingulate Epilepsy. Frontiers in Neurology, 2018, 9, 1013.	2.4	59
68	Seizure outcomes following multilobar epilepsy surgery. Epilepsia, 2012, 53, 44-50.	5.1	57
69	Magnetic source imaging and ictal SPECT in MRIâ€negative neocortical epilepsies: Additional value and comparison with intracranial EEG. Epilepsia, 2013, 54, 359-369.	5.1	56
70	Surgical outcome following resection of rolandic focal cortical dysplasia. Epilepsy Research, 2010, 90, 240-247.	1.6	55
71	Altered Glutamate Receptor?Transporter Expression and Spontaneous Seizures in Rats Exposed to Methylazoxymethanol in Utero. Epilepsia, 2007, 48, 158-68.	5.1	54
72	Is Mossy Fiber Sprouting a Potential Therapeutic Target for Epilepsy?. Frontiers in Neurology, 2018, 9, 1023.	2.4	54

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73	Toward a better definition of focal cortical dysplasia: An iterative histopathological and genetic agreement trial. Epilepsia, 2021, 62, 1416-1428.	5.1	54
74	A short episode of seizure activity protects from status epilepticus-induced neuronal damage in rat brain. Brain Research, 1998, 810, 72-75.	2.2	52
75	Coexistent pathology in chronic epilepsy patients with neoplasms. Modern Pathology, 2010, 23, 1097-1103.	5.5	52
76	Occipital epilepsy: spatial categorization and surgical management. Journal of Neurosurgery, 2009, 110, 306-318.	1.6	51
77	Posterior cingulate epilepsy: clinical and neurophysiological analysis. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 44-50.	1.9	50
78	Nomograms to predict naming decline after temporal lobe surgery in adults with epilepsy. Neurology, 2018, 91, e2144-e2152.	1.1	50
79	Neocortical Temporal FDG-PET Hypometabolism Correlates with Temporal Lobe Atrophy in Hippocampal Sclerosis Associated with Microscopic Cortical Dysplasia. Epilepsia, 2003, 44, 559-564.	5.1	49
80	ApoE-Â4 is associated with reduced memory in long-standing intractable temporal lobe epilepsy. Neurology, 2007, 68, 409-414.	1.1	49
81	Parietal lobe epilepsy: the great imitator among focal epilepsies. Epileptic Disorders, 2012, 14, 22-31.	1.3	49
82	Quality of life in 1931 adult patients with epilepsy: Seizures do not tell the whole story. Epilepsy and Behavior, 2011, 22, 723-727.	1.7	48
83	Magnetic source imaging in non-lesional neocortical epilepsy: Additional value and comparison with ICEEG. Epilepsy and Behavior, 2012, 24, 234-240.	1.7	47
84	Seizure freedom score: A new simple method to predict success of epilepsy surgery. Epilepsia, 2015, 56, 359-365.	5.1	47
85	Estimating risk of word-finding problems in adults undergoing epilepsy surgery. Neurology, 2016, 87, 2363-2369.	1.1	46
86	When is a postoperative seizure equivalent to â€œepilepsy recurrenceâ€•after epilepsy surgery?. Epilepsia, 2010, 51, 994-1003.	5.1	45
87	Overexpression of pregnane X and glucocorticoid receptors and the regulation of cytochrome P450 in human epileptic brain endothelial cells. Epilepsia, 2017, 58, 576-585.	5.1	45
88	Comparative Effectiveness of Stereotactic Electroencephalography Versus Subdural Grids in Epilepsy Surgery. Annals of Neurology, 2021, 90, 927-939.	5.3	45
89	The use of subdural grids in the management of focal malformations due to abnormal cortical development. Neurosurgery Clinics of North America, 2002, 13, 87-92.	1.7	43
90	Hippocampal volumetry in children 6 years or younger: assessment of children with and without complex febrile seizures. Epilepsy Research, 1999, 33, 1-9.	1.6	42

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91	Specific Epileptic Syndromes Are Rare Even in Tertiary Epilepsy Centers: A Patientâ€oriented Approach to Epilepsy Classification. Epilepsia, 2004, 45, 268-275.	5.1	42
92	Sudden unexpected death in epilepsy: impact, mechanisms, and prevention.. Cleveland Clinic Journal of Medicine, 2008, 75, S66-S66.	1.3	42
93	Seizure Outcome after Temporal Lobectomy in Temporal Lobe Cortical Dysplasia. Epilepsia, 2003, 44, 1420-1424.	5.1	41
94	Interictal ripples nested in epileptiform discharge help to identify the epileptogenic zone in neocortical epilepsy. Clinical Neurophysiology, 2017, 128, 945-951.	1.5	41
95	A proposal for a five-dimensional patient-oriented epilepsy classification. Epileptic Disorders, 2005, 7, 308-16.	1.3	41
96	Epilepsies associated with focal cortical dysplasias (FCDs). Acta Neuropathologica, 2014, 128, 5-19.	7.7	40
97	Indications and selection criteria for invasive monitoring in children with cortical dysplasia. Child's Nervous System, 2014, 30, 1823-1829.	1.1	39
98	Subunit composition of glutamate and gamma-aminobutyric acid receptors in status epilepticus. Epilepsy Research, 2014, 108, 605-615.	1.6	36
99	Combining stereo-electroencephalography and subdural electrodes in the diagnosis and treatment of medically intractable epilepsy. Journal of Clinical Neuroscience, 2014, 21, 1441-1445.	1.5	36
100	Kainate-induced seizure activity stimulates the polyamine interconversion pathway in rat brain. Neuroscience Letters, 1994, 171, 151-154.	2.1	35
101	Surgical Outcomes in Patients With Extratemporal Epilepsy and Subtle or Normal Magnetic Resonance Imaging Findings. Neurosurgery, 2013, 73, 68-77.	1.1	35
102	Cortico-cortical evoked potentials for sites of early versus late seizure spread in stereoelectroencephalography. Epilepsy Research, 2015, 115, 17-29.	1.6	35
103	Neural tropomodulin: developmental expression and effect of seizure activity. Developmental Brain Research, 1994, 80, 45-53.	1.7	34
104	Deep Brain Stimulation for Epilepsy. Neuromodulation, 2009, 12, 270-280.	0.8	34
105	Epileptic focus localization based on resting state interictal MEG recordings is feasible irrespective of the presence or absence of spikes. Clinical Neurophysiology, 2015, 126, 667-674.	1.5	34
106	Neurogenesis in the postnatal human epileptic brain. Journal of Neurosurgery, 2007, 107, 628-635.	1.6	33
107	Cortical stimulation for language mapping in focal epilepsy: Correlations with tractography of the arcuate fasciculus. Epilepsia, 2010, 51, 639-646.	5.1	33
108	Insuloâ€opercular cortex generates oroalimentary automatisms in temporal seizures. Epilepsia, 2018, 59, 583-594.	5.1	33

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109	Localization yield and seizure outcome in patients undergoing bilateral <scp>SEEG</scp> exploration. Epilepsia, 2019, 60, 107-120.	5.1	33
110	Changes in polyamine levels and spectrin degradation following kainate-induced seizure activity: Effect of difluoromethylornithine. Experimental Neurology, 1992, 116, 345-354.	4.1	32
111	Seizure semiology and aging. Epilepsy and Behavior, 2011, 20, 375-377.	1.7	32
112	Reducing versus stopping antiepileptic medications after temporal lobe surgery. Annals of Clinical and Translational Neurology, 2014, 1, 115-123.	3.7	32
113	Connectivity of the frontal and anterior insular network: a cortico-cortical evoked potential study. Journal of Neurosurgery, 2016, 125, 90-101.	1.6	32
114	Longâ€term outcomes of reoperations in epilepsy surgery. Epilepsia, 2020, 61, 465-478.	5.1	32
115	Seizure worsening and its predictors after epilepsy surgery. Epilepsia, 2012, 53, 1731-1738.	5.1	31
116	Hemispherectomy in adults and adolescents: Seizure and functional outcomes in 47 patients. Epilepsia, 2019, 60, 2416-2427.	5.1	31
117	Seizure activity causes a rapid increase in sulfated glycoprotein-2 messenger RNA in the adult but not the neonatal rat brain. Neuroscience Letters, 1993, 153, 17-20.	2.1	30
118	Systemic Overexpression of the Î±_{1B}â€Adrenergic Receptor in Mice: An Animal Model of Epilepsy. Epilepsia, 2002, 43, 1324-1329.	5.1	30
119	Pre- and postnatal expressions of NMDA receptors 1 and 2B subunit proteins in the normal rat cortex. Epilepsy Research, 2005, 64, 23-30.	1.6	29
120	Voxel-based morphometric MRI post-processing in MRI-negative focal cortical dysplasia followed by simultaneously recorded MEG and stereo-EEG. Epilepsy Research, 2012, 100, 188-193.	1.6	29
121	Neuroimaging characteristics of MRIâ€negative orbitofrontal epilepsy with focus on voxelâ€based morphometric <scp>MRI</scp> postprocessing. Epilepsia, 2013, 54, 2195-2203.	5.1	29
122	Time to push the age limit: Epilepsy surgery in patients 60 years or older. Epilepsia Open, 2018, 3, 73-80.	2.4	29
123	(Re)Defining success in epilepsy surgery: The importance of relative seizure reduction in patientâ€reported quality of life. Epilepsia, 2019, 60, 2078-2085.	5.1	29
124	Levetiracetam may favorably affect seizure outcome after temporal lobectomy. Epilepsia, 2012, 53, 979-986.	5.1	28
125	Improving the prediction of epilepsy surgery outcomes using basic scalp EEG findings. Epilepsia, 2021, 62, 2439-2450.	5.1	28
126	Seizure activity-induced changes in polyamine metabolism and neuronal pathology during the postnatal period in rat brain. Developmental Brain Research, 1992, 69, 11-21.	1.7	27

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127	Gene expression profile of neurodegeneration induced by Â1B-adrenergic receptor overactivity: NMDA/GABAA dysregulation and apoptosis. Brain, 2003, 126, 2667-2681.	7.6	27
128	Pre-Surgical Mood Predicts Memory Decline after Anterior Temporal Lobe Resection for Epilepsy. Archives of Clinical Neuropsychology, 2011, 26, 739-745.	0.5	27
129	Growth Associated Protein 43 (GAP-43) as a Novel Target for the Diagnosis, Treatment and Prevention of Epileptogenesis. Scientific Reports, 2017, 7, 17702.	3.3	27
130	Predicting seizure freedom after epilepsy surgery, a challenge in clinical practice. Epilepsy and Behavior, 2019, 95, 124-130.	1.7	27
131	Dissociation between in vitro and in vivo epileptogenicity in a rat model of cortical dysplasia. Epileptic Disorders, 2007, 9, 11-19.	1.3	27
132	Relationship between presurgical memory performance on the Wechsler Memory Scale-III and memory change following temporal resection for treatment of intractable epilepsy. Epilepsy and Behavior, 2008, 13, 372-375.	1.7	26
133	Imag(in)ing seizure propagation: MEGâ€guided interpretation of epileptic activity from a deep source. Human Brain Mapping, 2012, 33, 2797-2801.	3.6	25
134	Nerve rootlets to be sectioned for spasticity resolution in selective dorsal rhizotomy. World Neurosurgery, 2000, 54, 126-133.	1.3	24
135	Somatosensory evoked high-frequency oscillations recorded directly from the human cerebral cortex. Clinical Neurophysiology, 2000, 111, 1916-1926.	1.5	24
136	Single injection of a low dose of pentylenetetrazole leads to epileptogenesis in an animal model of cortical dysplasia. Epilepsia, 2009, 50, 801-810.	5.1	24
137	Increased caffeine intake leads to worsening of electrocorticographic epileptiform discharges as recorded with a responsive neurostimulation device. Clinical Neurophysiology, 2016, 127, 2341-2342.	1.5	24
138	Predicting mood decline following temporal lobe epilepsy surgery in adults. Epilepsia, 2021, 62, 450-459.	5.1	24
139	Re-review of MRI with post-processing in nonlesional patients in whom epilepsy surgery has failed. Journal of Neurology, 2016, 263, 1736-1745.	3.6	23
140	Lateral cerebellar nucleus stimulation promotes motor recovery and suppresses neuroinflammation in a fluid percussion injury rodent model. Brain Stimulation, 2018, 11, 1356-1367.	1.6	23
141	Mesial temporal sclerosis. A clinicopathologic study of 27 patients, including 5 with coexistent cortical dysplasia. Archives of Pathology and Laboratory Medicine, 1996, 120, 532-6.	2.5	23
142	Executive functioning and depressed mood before and after unilateral frontal lobe resection for intractable epilepsy. Neuropsychologia, 2013, 51, 1370-1376.	1.6	22
143	Connectivity in ictal single photon emission computed tomography perfusion: a cortico-cortical evoked potential study. Brain, 2017, 140, 1872-1884.	7.6	22
144	Nomograms to Predict Verbal Memory Decline After Temporal Lobe Resection in Adults With Epilepsy. Neurology, 2021, 97, .	1.1	22

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145	Toward a refined genotypeâ€“phenotype classification scheme for the international consensus classification of Focal Cortical Dysplasia. Brain Pathology, 2021, 31, e12956.	4.1	22
146	Focal Cortical Dysplasia in Children. Developmental Neuroscience, 1999, 21, 271-280.	2.0	21
147	Mechanisms of epileptogenesis. Neurologic Clinics, 2001, 19, 237-250.	1.8	21
148	Reply to â€œOf Cabbages and Kings: Some Considerations on Classifications, Diagnostic Schemes, Semiology, andâ€ƒConceptsâ€• Epilepsia, 2003, 44, 6-7.	5.1	21
149	Functional Magnetic Resonance Imaging Networks Induced by Intracranial Stimulation May Help Defining the Epileptogenic Zone. Brain Connectivity, 2014, 4, 286-298.	1.7	21
150	The gamma band effect for episodic memory encoding is absent in epileptogenic hippocampi. Clinical Neurophysiology, 2015, 126, 866-872.	1.5	21
151	Glutamate clearance mechanisms in resected cortical dysplasia. Journal of Neurosurgery, 2011, 114, 1195-1202.	1.6	20
152	Genetics of cognition in epilepsy. Epilepsy and Behavior, 2014, 41, 297-306.	1.7	20
153	Quantitative <scp>positron emission tomography</scp>â€“guided magnetic resonance imaging postprocessing in magnetic resonance imagingâ€“negative epilepsies. Epilepsia, 2018, 59, 1583-1594.	5.1	20
154	Performing Behavioral Tasks in Subjects with Intracranial Electrodes. Journal of Visualized Experiments, 2014, , e51947.	0.3	19
155	Predictors of decline in verbal fluency after frontal lobe epilepsy surgery. Epilepsy and Behavior, 2013, 27, 326-329.	1.7	18
156	Working Memory and Intelligence Are Associated with Victoria Symptom Validity Test Hard Item Performance in Patients With Intractable Epilepsy. Journal of the International Neuropsychological Society, 2013, 19, 314-323.	1.8	18
157	DNA methylation-based classification of malformations of cortical development in the human brain. Acta Neuropathologica, 2022, 143, 93-104.	7.7	18
158	Postictal in situ MRS brain lactate in the rat kindling model. Neurology, 1999, 53, 2045-2045.	1.1	17
159	Multimodal noninvasive evaluation in MRI-negative operculoinsular epilepsy. Journal of Neurosurgery, 2020, 132, 1334-1344.	1.6	17
160	MR imaging in epilepsy. Neurologic Clinics, 2001, 19, 477-489.	1.8	16
161	Focal clonus elicited by electrical stimulation of the motor cortex in humans. Epilepsy Research, 2002, 51, 155-166.	1.6	16
162	APOE É›4 is associated with postictal confusion in patients with medically refractory temporal lobe epilepsy. Epilepsy Research, 2008, 81, 220-224.	1.6	16

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163	Patients with generalised epilepsy have a higher white blood cell count than patients with focal epilepsy. Epileptic Disorders, 2012, 14, 57-63.	1.3	16
164	Modulation of glucocorticoid receptor in human epileptic endothelial cells impacts drug biotransformation in an inÂvitro bloodâ€“brain barrier model. Epilepsia, 2018, 59, 2049-2060.	5.1	16
165	Neurovascular Drug Biotransformation Machinery in Focal Human Epilepsies: Brain CYP3A4 Correlates with Seizure Frequency and Antiepileptic Drug Therapy. Molecular Neurobiology, 2019, 56, 8392-8407.	4.0	16
166	Incorporation of quantitative MRI in a model to predict temporal lobe epilepsy surgery outcome. Brain Communications, 2021, 3, fcab164.	3.3	16
167	Effect of treatment with difluoromethylornithine on polyamine and spectrin breakdown levels in neonatal rat brain. Developmental Brain Research, 1991, 63, 287-289.	1.7	15
168	Magnetic Resonance Spectroscopy in Animal Models of Epilepsy. Epilepsia, 2007, 48, 47-55.	5.1	15
169	Neuronal nitric oxide synthase expression in resected epileptic dysplastic neocortex. Journal of Neurosurgery, 2009, 110, 343-349.	1.6	15
170	Memory Performance in Older Adults Before and After Temporal Lobectomy for Pharmacoresistant Epilepsy. Clinical Neuropsychologist, 2013, 27, 1316-1327.	2.3	15
171	Neuropsychological outcome following frontal lobectomy for pharmacoresistant epilepsy in adults. Neurology, 2017, 88, 692-700.	1.1	15
172	Stereoelectroencephalography-Guided Laser Ablations in Patients With Neocortical Pharmacoresistant Focal Epilepsy: Concept and Operative Technique. Operative Neurosurgery, 2018, 15, 656-663.	0.8	15
173	The Family Pictures subtest of the WMS-III: Relationship to verbal and visual memory following temporal lobectomy for intractable epilepsy. Journal of Clinical and Experimental Neuropsychology, 2009, 31, 498-504.	1.3	14
174	Pathology-based approach to epilepsy surgery. Acta Neuropathologica, 2014, 128, 1-3.	7.7	14
175	Mechanisms of epileptogenicity in focal malformations caused by abnormal cortical development. Neurosurgery Clinics of North America, 2002, 13, 27-33.	1.7	13
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