

Imad M Najm

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

227
papers

10,827
citations

56
h-index

96
g-index

235
ext. papers

12,641
ext. citations

5.4
avg, IF

5.96
L-index

#	Paper	IF	Citations
227	Cortical Dysplasia in Rats Provokes Neurovascular Alterations, GLUT1 Dysfunction, and Metabolic Disturbances That Are Sustained Post-Seizure Induction.. <i>Molecular Neurobiology</i> , 2022 , 1	6.2	1
226	Incidence and prevalence of major epilepsy-associated brain lesions.. <i>Epilepsy and Behavior Reports</i> , 2022 , 18, 100527	1.3	0
225	Determinants of seizure outcome after resective surgery following stereoelectroencephalography. <i>Journal of Neurosurgery</i> , 2021 , 1-9	3.2	1
224	DNA methylation-based classification of malformations of cortical development in the human brain. <i>Acta Neuropathologica</i> , 2021 , 1	14.3	2
223	Response: Predicting mood decline following temporal lobe epilepsy surgery in adults. <i>Epilepsia</i> , 2021 , 62, 1283-1284	6.4	1
222	Radiological and Clinical Value of 7T MRI for Evaluating 3T-Visible Lesions in Pharmacoresistant Focal Epilepsies. <i>Frontiers in Neurology</i> , 2021 , 12, 591586	4.1	2
221	Toward a better definition of focal cortical dysplasia: An iterative histopathological and genetic agreement trial. <i>Epilepsia</i> , 2021 , 62, 1416-1428	6.4	12
220	Neurovascular networks in epilepsy: Correlating ictal blood perfusion with intracranial electrophysiology. <i>NeuroImage</i> , 2021 , 231, 117838	7.9	3
219	Nomograms to Predict Verbal Memory Decline After Temporal Lobe Resection in Adults With Epilepsy. <i>Neurology</i> , 2021 ,	6.5	3
218	Predicting mood decline following temporal lobe epilepsy surgery in adults. <i>Epilepsia</i> , 2021 , 62, 450-459	6.4	8
217	Toward a refined genotype-phenotype classification scheme for the international consensus classification of Focal Cortical Dysplasia. <i>Brain Pathology</i> , 2021 , 31, e12956	6	5
216	Incorporation of quantitative MRI in a model to predict temporal lobe epilepsy surgery outcome. <i>Brain Communications</i> , 2021 , 3, fcab164	4.5	5
215	Individual localization value of resting-state fMRI in epilepsy presurgical evaluation: A combined study with stereo-EEG. <i>Clinical Neurophysiology</i> , 2021 , 132, 3197-3206	4.3	3
214	Multimodal Image Integration for Epilepsy Presurgical Evaluation: A Clinical Workflow. <i>Frontiers in Neurology</i> , 2021 , 12, 709400	4.1	0
213	The role of genetic polymorphisms in executive functioning performance in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2021 , 121, 108088	3.2	1
212	Improving the prediction of epilepsy surgery outcomes using basic scalp EEG findings. <i>Epilepsia</i> , 2021 , 62, 2439-2450	6.4	2
211	Comparative Effectiveness of Stereotactic Electroencephalography Versus Subdural Grids in Epilepsy Surgery. <i>Annals of Neurology</i> , 2021 , 90, 927-939	9.4	9

210	Prospective use of MRI post-processing in the surgical treatment of MRI-negative orbitofrontal epilepsy. <i>Journal of the Neurological Sciences</i> , 2020 , 414, 116828	3.2	1
209	Long-term outcomes of reoperations in epilepsy surgery. <i>Epilepsia</i> , 2020 , 61, 465-478	6.4	17
208	Cortico-cortical evoked potentials 2020 , 105-111		1
207	Outcomes of resections that spare vs remove an MRI-normal hippocampus. <i>Epilepsia</i> , 2020 , 61, 2545-2557	6.4	4
206	Heat Shock Proteins Accelerate the Maturation of Brain Endothelial Cell Glucocorticoid Receptor in Focal Human Drug-Resistant Epilepsy. <i>Molecular Neurobiology</i> , 2020 , 57, 4511-4529	6.2	5
205	Verbal memory dysfunction is associated with alterations in brain transcriptome in dominant temporal lobe epilepsy. <i>Epilepsia</i> , 2020 , 61, 2203-2213	6.4	1
204	Value of 7T MRI and post-processing in patients with nonlesional 3T MRI undergoing epilepsy presurgical evaluation. <i>Epilepsia</i> , 2020 , 61, 2509-2520	6.4	31
203	(Re)Defining success in epilepsy surgery: The importance of relative seizure reduction in patient-reported quality of life. <i>Epilepsia</i> , 2019 , 60, 2078-2085	6.4	18
202	Neurovascular Drug Biotransformation Machinery in Focal Human Epilepsies: Brain CYP3A4 Correlates with Seizure Frequency and Antiepileptic Drug Therapy. <i>Molecular Neurobiology</i> , 2019 , 56, 8392-8407	6.2	10
201	Histopathologic substrate of drug-resistant epilepsy in older adults and the elderly undergoing surgery. <i>Epilepsia Open</i> , 2019 , 4, 328-333	4	4
200	Predicting seizure freedom after epilepsy surgery, a challenge in clinical practice. <i>Epilepsy and Behavior</i> , 2019 , 95, 124-130	3.2	17
199	BDNF and COMT, but not APOE, alleles are associated with psychiatric symptoms in refractory epilepsy. <i>Epilepsy and Behavior</i> , 2019 , 94, 131-136	3.2	7
198	Polygenic burden in focal and generalized epilepsies. <i>Brain</i> , 2019 , 142, 3473-3481	11.2	38
197	Hemispherectomy in adults and adolescents: Seizure and functional outcomes in 47 patients. <i>Epilepsia</i> , 2019 , 60, 2416-2427	6.4	11
196	Multimodal noninvasive evaluation in MRI-negative operculoinsular epilepsy. <i>Journal of Neurosurgery</i> , 2019 , 132, 1334-1344	3.2	8
195	Risk analysis of hemorrhage in stereo-electroencephalography procedures. <i>Epilepsia</i> , 2019 , 60, 571-580	6.4	45
194	Localization value of subclinical seizures on scalp video-EEG in epilepsy presurgical evaluation. <i>Epilepsia</i> , 2019 , 60, 2477-2485	6.4	4
193	Development of high-resolution 3D MR fingerprinting for detection and characterization of epileptic lesions. <i>Journal of Magnetic Resonance Imaging</i> , 2019 , 49, 1333-1346	5.6	39

192	Localization yield and seizure outcome in patients undergoing bilateral SEEG exploration. <i>Epilepsia</i> , 2019 , 60, 107-120	6.4	21
191	Expression and Functional Relevance of Death-Associated Protein Kinase in Human Drug-Resistant Epileptic Brain: Focusing on the Neurovascular Interface. <i>Molecular Neurobiology</i> , 2019 , 56, 4904-4915	6.2	6
190	Automated detection of focal cortical dysplasia type II with surface-based magnetic resonance imaging postprocessing and machine learning. <i>Epilepsia</i> , 2018 , 59, 982-992	6.4	59
189	Insulo-opercular cortex generates oroalimentary automatisms in temporal seizures. <i>Epilepsia</i> , 2018 , 59, 583-594	6.4	22
188	Review: The international consensus classification of Focal Cortical Dysplasia - a critical update 2018. <i>Neuropathology and Applied Neurobiology</i> , 2018 , 44, 18-31	5.2	99
187	A fingerprint of the epileptogenic zone in human epilepsies. <i>Brain</i> , 2018 , 141, 117-131	11.2	74
186	Time to push the age limit: Epilepsy surgery in patients 60 years or older. <i>Epilepsia Open</i> , 2018 , 3, 73-80	4	20
185	Stereoelectroencephalography-Guided Laser Ablations in Patients With Neocortical Pharmacoresistant Focal Epilepsy: Concept and Operative Technique. <i>Operative Neurosurgery</i> , 2018 , 15, 656-663	1.6	11
184	Mapping brain networks in patients with focal epilepsy. <i>Lancet Neurology</i> , 2018 , 17, 295-297	24.1	4
183	Quantitative positron emission tomography-guided magnetic resonance imaging postprocessing in magnetic resonance imaging-negative epilepsies. <i>Epilepsia</i> , 2018 , 59, 1583-1594	6.4	11
182	Lateral cerebellar nucleus stimulation promotes motor recovery and suppresses neuroinflammation in a fluid percussion injury rodent model. <i>Brain Stimulation</i> , 2018 , 11, 1356-1367	5.1	7
181	Extra operative intracranial EEG monitoring for epilepsy surgery in elderly patients. <i>Epilepsy & Behavior Case Reports</i> , 2018 , 10, 92-95	1.2	4
180	Small Lesion Size Is Associated with Sleep-Related Epilepsy in Focal Cortical Dysplasia Type II. <i>Frontiers in Neurology</i> , 2018 , 9, 106	4.1	9
179	Preliminary report: Late seizure recurrence years after epilepsy surgery may be associated with alterations in brain tissue transcriptome. <i>Epilepsia Open</i> , 2018 , 3, 299-304	4	5
178	Assessment of depression in epilepsy: the utility of common and disease-specific self-report depression measures. <i>Clinical Neuropsychologist</i> , 2018 , 32, 681-699	4.4	2
177	Nomograms to predict naming decline after temporal lobe surgery in adults with epilepsy. <i>Neurology</i> , 2018 , 91, e2144-e2152	6.5	34
176	Application of MRI Post-processing in Presurgical Evaluation of Non-lesional Cingulate Epilepsy. <i>Frontiers in Neurology</i> , 2018 , 9, 1013	4.1	24
175	Is Mossy Fiber Sprouting a Potential Therapeutic Target for Epilepsy?. <i>Frontiers in Neurology</i> , 2018 , 9, 1023	4.1	29

174	Modulation of glucocorticoid receptor in human epileptic endothelial cells impacts drug biotransformation in an in vitro blood-brain barrier model. <i>Epilepsia</i> , 2018 , 59, 2049-2060	6.4	10
173	Neuropsychological outcome following frontal lobectomy for pharmacoresistant epilepsy in adults. <i>Neurology</i> , 2017 , 88, 692-700	6.5	10
172	Overexpression of pregnane X and glucocorticoid receptors and the regulation of cytochrome P450 in human epileptic brain endothelial cells. <i>Epilepsia</i> , 2017 , 58, 576-585	6.4	34
171	Interictal ripples nested in epileptiform discharge help to identify the epileptogenic zone in neocortical epilepsy. <i>Clinical Neurophysiology</i> , 2017 , 128, 945-951	4.3	25
170	Connectivity in ictal single photon emission computed tomography perfusion: a cortico-cortical evoked potential study. <i>Brain</i> , 2017 , 140, 1872-1884	11.2	16
169	Treatment with lacosamide impedes generalized seizures in a rodent model of cortical dysplasia. <i>Epilepsia</i> , 2017 , 58, 1755-1761	6.4	1
168	Utility of CISS sequence in detecting anteroinferior temporal encephalocele. <i>Journal of the Neurological Sciences</i> , 2017 , 381, 59-61	3.2	4
167	Somatic Mutations Activating the mTOR Pathway in Dorsal Telencephalic Progenitors Cause a Continuum of Cortical Dysplasias. <i>Cell Reports</i> , 2017 , 21, 3754-3766	10.6	143
166	Growth Associated Protein 43 (GAP-43) as a Novel Target for the Diagnosis, Treatment and Prevention of Epileptogenesis. <i>Scientific Reports</i> , 2017 , 7, 17702	4.9	16
165	Epilepsy in the Elderly 2017 , 265-283		
164	Correlating magnetoencephalography to stereo-electroencephalography in patients undergoing epilepsy surgery. <i>Brain</i> , 2016 , 139, 2935-2947	11.2	87
163	A decrease of ripples precedes seizure onset in mesial temporal lobe epilepsy. <i>Experimental Neurology</i> , 2016 , 284, 29-37	5.7	7
162	Estimating risk of word-finding problems in adults undergoing epilepsy surgery. <i>Neurology</i> , 2016 , 87, 2363-2369	6.5	32
161	373 Is Stereotacticelectroencephalography Safe? A Systematic Review and Meta-Analysis of Stereo-electroencephalography-Related Complications. <i>Neurosurgery</i> , 2016 , 63, 211	3.2	5
160	Re-review of MRI with post-processing in nonlesional patients in whom epilepsy surgery has failed. <i>Journal of Neurology</i> , 2016 , 263, 1736-45	5.5	18
159	Connectivity of the frontal and anterior insular network: a cortico-cortical evoked potential study. <i>Journal of Neurosurgery</i> , 2016 , 125, 90-101	3.2	25
158	Underlying Cortical Dysplasia as Risk Factor for Traumatic Epilepsy: An Animal Study. <i>Journal of Neurotrauma</i> , 2016 , 33, 1883-1891	5.4	9
157	Technique, Results, and Complications Related to Robot-Assisted Stereoelectroencephalography. <i>Neurosurgery</i> , 2016 , 78, 169-80	3.2	186

156	Is SEEG safe? A systematic review and meta-analysis of stereo-electroencephalography-related complications. <i>Epilepsia</i> , 2016 , 57, 386-401	6.4	208
155	Increased caffeine intake leads to worsening of electrocorticographic epileptiform discharges as recorded with a responsive neurostimulation device. <i>Clinical Neurophysiology</i> , 2016 , 127, 2341-2	4.3	18
154	Promise and pitfalls of prognostic models for epilepsy surgery-Authors' reply. <i>Lancet Neurology</i> , 2015 , 14, 684	24.1	6
153	Cortico-cortical evoked potentials for sites of early versus late seizure spread in stereoelectroencephalography. <i>Epilepsy Research</i> , 2015 , 115, 17-29	3	23
152	The gamma band effect for episodic memory encoding is absent in epileptogenic hippocampi. <i>Clinical Neurophysiology</i> , 2015 , 126, 866-72	4.3	19
151	Effect of invasive EEG monitoring on cognitive outcome after left temporal lobe epilepsy surgery. <i>Neurology</i> , 2015 , 85, 1475-81	6.5	11
150	Epileptic focus localization based on resting state interictal MEG recordings is feasible irrespective of the presence or absence of spikes. <i>Clinical Neurophysiology</i> , 2015 , 126, 667-74	4.3	20
149	Resective Epilepsy Surgery for Tuberous Sclerosis in Children: Determining Predictors of Seizure Outcomes in a Multicenter Retrospective Cohort Study. <i>Neurosurgery</i> , 2015 , 77, 517-24; discussion 524	3.2	59
148	The relevance of somatosensory auras in refractory temporal lobe epilepsies. <i>Epilepsia</i> , 2015 , 56, e143-86.4		3
147	Voxel-based morphometric magnetic resonance imaging (MRI) postprocessing in MRI-negative epilepsies. <i>Annals of Neurology</i> , 2015 , 77, 1060-75	9.4	83
146	Diagnostic methods and treatment options for focal cortical dysplasia. <i>Epilepsia</i> , 2015 , 56, 1669-86	6.4	126
145	Connections of the limbic network: a corticocortical evoked potentials study. <i>Cortex</i> , 2015 , 62, 20-33	3.8	57
144	Seizure freedom score: a new simple method to predict success of epilepsy surgery. <i>Epilepsia</i> , 2015 , 56, 359-65	6.4	33
143	Development and validation of nomograms to provide individualised predictions of seizure outcomes after epilepsy surgery: a retrospective analysis. <i>Lancet Neurology</i> , 2015 , 14, 283-90	24.1	117
142	Frequency-dependent effects of contralateral repetitive transcranial magnetic stimulation on penicillin-induced seizures. <i>Brain Research</i> , 2014 , 1581, 103-16	3.7	7
141	Linking MRI postprocessing with magnetic source imaging in MRI-negative epilepsy. <i>Annals of Neurology</i> , 2014 , 75, 759-70	9.4	52
140	Epilepsies associated with focal cortical dysplasias (FCDs). <i>Acta Neuropathologica</i> , 2014 , 128, 5-19	14.3	37
139	Functional magnetic resonance imaging networks induced by intracranial stimulation may help defining the epileptogenic zone. <i>Brain Connectivity</i> , 2014 , 4, 286-98	2.7	18

138	Subunit composition of glutamate and gamma-aminobutyric acid receptors in status epilepticus. <i>Epilepsy Research</i> , 2014 , 108, 605-15	3	29
137	Genetics of cognition in epilepsy. <i>Epilepsy and Behavior</i> , 2014 , 41, 297-306	3.2	15
136	Combining stereo-electroencephalography and subdural electrodes in the diagnosis and treatment of medically intractable epilepsy. <i>Journal of Clinical Neuroscience</i> , 2014 , 21, 1441-5	2.2	27
135	Performing behavioral tasks in subjects with intracranial electrodes. <i>Journal of Visualized Experiments</i> , 2014 , e51947	1.6	17
134	Posterior cingulate epilepsy: clinical and neurophysiological analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, 44-50	5.5	36
133	Low consistency of four brain connectivity measures derived from intracranial electrode measurements. <i>Frontiers in Neurology</i> , 2014 , 5, 272	4.1	6
132	Ictal single photon emission computed tomography in epileptic auras. <i>Epilepsia</i> , 2014 , 55, 133-6	6.4	4
131	Reducing versus stopping antiepileptic medications after temporal lobe surgery. <i>Annals of Clinical and Translational Neurology</i> , 2014 , 1, 115-23	5.3	22
130	Growth-associated protein 43 and progressive epilepsy in cortical dysplasia. <i>Annals of Clinical and Translational Neurology</i> , 2014 , 1, 453-61	5.3	9
129	The stereotactic approach for mapping epileptic networks: a prospective study of 200 patients. <i>Journal of Neurosurgery</i> , 2014 , 121, 1239-46	3.2	123
128	Stereotactic placement of depth electrodes in medically intractable epilepsy. <i>Journal of Neurosurgery</i> , 2014 , 120, 639-44	3.2	143
127	Tailored unilobar and multilobar resections for orbitofrontal-plus epilepsy. <i>Neurosurgery</i> , 2014 , 75, 388-97; discussion 397	3.2	10
126	Stereo-electroencephalography in children and adolescents with difficult-to-localize refractory focal epilepsy. <i>Neurosurgery</i> , 2014 , 75, 258-68; discussion 267-8	3.2	70
125	Robot-assisted stereotactic laser ablation in medically intractable epilepsy: operative technique. <i>Operative Neurosurgery</i> , 2014 , 10 Suppl 2, 167-72; discussion 172-3	1.6	94
124	Indications and selection criteria for invasive monitoring in children with cortical dysplasia. <i>Child's Nervous System</i> , 2014 , 30, 1823-9	1.7	30
123	Magnetic source imaging and ictal SPECT in MRI-negative neocortical epilepsies: additional value and comparison with intracranial EEG. <i>Epilepsia</i> , 2013 , 54, 359-69	6.4	46
122	The pathology of magnetic-resonance-imaging-negative epilepsy. <i>Modern Pathology</i> , 2013 , 26, 1051-8	9.8	83
121	Effects of dual pathology on cognitive outcome following left anterior temporal lobectomy for treatment of epilepsy. <i>Epilepsy and Behavior</i> , 2013 , 28, 426-31	3.2	5

120	Neuroimaging characteristics of MRI-negative orbitofrontal epilepsy with focus on voxel-based morphometric MRI postprocessing. <i>Epilepsia</i> , 2013 , 54, 2195-2203	6.4	21
119	Systematic study of the effects of stimulus parameters and stimulus location on afterdischarges elicited by electrical stimulation in the rat. <i>Epilepsy Research</i> , 2013 , 104, 17-25	3	8
118	Predictors of decline in verbal fluency after frontal lobe epilepsy surgery. <i>Epilepsy and Behavior</i> , 2013 , 27, 326-9	3.2	15
117	Executive functioning and depressed mood before and after unilateral frontal lobe resection for intractable epilepsy. <i>Neuropsychologia</i> , 2013 , 51, 1370-6	3.2	19
116	Temporal patterns and mechanisms of epilepsy surgery failure. <i>Epilepsia</i> , 2013 , 54, 772-82	6.4	120
115	Ripple classification helps to localize the seizure-onset zone in neocortical epilepsy. <i>Epilepsia</i> , 2013 , 54, 370-6	6.4	145
114	Nonlesional atypical mesial temporal epilepsy: electroclinical and intracranial EEG findings. <i>Neurology</i> , 2013 , 81, 1848-55	6.5	5
113	Word-finding difficulties confound performance on verbal cognitive measures in adults with intractable left temporal lobe epilepsy. <i>Epilepsia</i> , 2013 , 54, e37-40	6.4	7
112	Stereoencephalography in the "difficult to localize" refractory focal epilepsy: early experience from a North American epilepsy center. <i>Epilepsia</i> , 2013 , 54, 323-30	6.4	175
111	Working memory and intelligence are associated with victoria symptom validity test hard item performance in patients with intractable epilepsy. <i>Journal of the International Neuropsychological Society</i> , 2013 , 19, 314-23	3.1	14
110	Memory performance in older adults before and after temporal lobectomy for pharmacoresistant epilepsy. <i>Clinical Neuropsychologist</i> , 2013 , 27, 1316-27	4.4	13
109	Improved outcomes with earlier surgery for intractable frontal lobe epilepsy. <i>Annals of Neurology</i> , 2013 , 73, 646-54	9.4	111
108	Surgical outcomes in patients with extratemporal epilepsy and subtle or normal magnetic resonance imaging findings. <i>Neurosurgery</i> , 2013 , 73, 68-76; discussion 76-7	3.2	28
107	Stereoencephalography following subdural grid placement for difficult to localize epilepsy. <i>Neurosurgery</i> , 2013 , 72, 723-9; discussion 729	3.2	61
106	Voxel-based morphometric MRI post-processing in MRI-negative focal cortical dysplasia followed by simultaneously recorded MEG and stereo-EEG. <i>Epilepsy Research</i> , 2012 , 100, 188-93	3	25
105	Levetiracetam may favorably affect seizure outcome after temporal lobectomy. <i>Epilepsia</i> , 2012 , 53, 979-86	6.4	24
104	Patients with generalised epilepsy have a higher white blood cell count than patients with focal epilepsy. <i>Epileptic Disorders</i> , 2012 , 14, 57-63	1.9	7
103	Seizure worsening and its predictors after epilepsy surgery. <i>Epilepsia</i> , 2012 , 53, 1731-8	6.4	19

102	Role of cortisol in mood and memory in patients with intractable temporal lobe epilepsy. <i>Neurology</i> , 2012 , 78, 1064-8	6.5	5
101	Magnetic source imaging in non-lesional neocortical epilepsy: additional value and comparison with ICEEG. <i>Epilepsy and Behavior</i> , 2012 , 24, 234-40	3.2	40
100	Long-term seizure outcome after resective surgery in patients evaluated with intracranial electrodes. <i>Epilepsia</i> , 2012 , 53, 1722-30	6.4	122
99	Contralateral insular involvement producing false lateralizing signs in bitemporal epilepsy: a stereo-encephalography case report. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2012 , 21, 816-9	3.2	6
98	Parietal lobe epilepsy: the great imitator among focal epilepsies. <i>Epileptic Disorders</i> , 2012 , 14, 22-31	1.9	37
97	Imag(in)ing seizure propagation: MEG-guided interpretation of epileptic activity from a deep source. <i>Human Brain Mapping</i> , 2012 , 33, 2797-801	5.9	21
96	Parieto-frontal network in humans studied by cortico-cortical evoked potential. <i>Human Brain Mapping</i> , 2012 , 33, 2856-72	5.9	82
95	Seizure outcomes following multilobar epilepsy surgery. <i>Epilepsia</i> , 2012 , 53, 44-50	6.4	44
94	Seizure semiology and aging. <i>Epilepsy and Behavior</i> , 2011 , 20, 375-7	3.2	26
93	Effect of apolipoprotein E allele on hippocampal and brain volume in intractable temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2011 , 21, 88-90	3.2	7
92	Quality of life in 1931 adult patients with epilepsy: seizures do not tell the whole story. <i>Epilepsy and Behavior</i> , 2011 , 22, 723-7	3.2	41
91	The clinicopathologic spectrum of focal cortical dysplasias: a consensus classification proposed by an ad hoc Task Force of the ILAE Diagnostic Methods Commission. <i>Epilepsia</i> , 2011 , 52, 158-74	6.4	1156
90	Seizure outcome and its predictors after temporal lobe epilepsy surgery in patients with normal MRI. <i>Epilepsia</i> , 2011 , 52, 1393-401	6.4	78
89	Glutamate clearance mechanisms in resected cortical dysplasia. <i>Journal of Neurosurgery</i> , 2011 , 114, 1195-202	3.2	17
88	Pre-surgical mood predicts memory decline after anterior temporal lobe resection for epilepsy. <i>Archives of Clinical Neuropsychology</i> , 2011 , 26, 739-45	2.7	23
87	Temporal lobe epilepsy surgery failures: predictors of seizure recurrence, yield of reevaluation, and outcome following reoperation. <i>Journal of Neurosurgery</i> , 2010 , 113, 1186-94	3.2	68
86	Coexistent pathology in chronic epilepsy patients with neoplasms. <i>Modern Pathology</i> , 2010 , 23, 1097-103	3.8	45
85	Surgical outcome following resection of rolandic focal cortical dysplasia. <i>Epilepsy Research</i> , 2010 , 90, 240-7	3	44

84	Cortical stimulation for language mapping in focal epilepsy: correlations with tractography of the arcuate fasciculus. <i>Epilepsia</i> , 2010 , 51, 639-46	6.4	28
83	When is a postoperative seizure equivalent to "epilepsy recurrence" after epilepsy surgery?. <i>Epilepsia</i> , 2010 , 51, 994-1003	6.4	39
82	Gene expression changes in an animal model of in utero irradiation-induced Cortical Dysplasia. <i>Epileptic Disorders</i> , 2009 , 11, 232-43	1.9	4
81	Neuronal nitric oxide synthase expression in resected epileptic dysplastic neocortex. <i>Journal of Neurosurgery</i> , 2009 , 110, 343-9	3.2	15
80	Occipital epilepsy: spatial categorization and surgical management. <i>Journal of Neurosurgery</i> , 2009 , 110, 306-18	3.2	42
79	Antagonism of peripheral inflammation reduces the severity of status epilepticus. <i>Neurobiology of Disease</i> , 2009 , 33, 171-81	7.5	224
78	Deep brain stimulation for epilepsy. <i>Neuromodulation</i> , 2009 , 12, 270-80	3.1	29
77	Single injection of a low dose of pentylentetrazole leads to epileptogenesis in an animal model of cortical dysplasia. <i>Epilepsia</i> , 2009 , 50, 801-10	6.4	23
76	A longitudinal study of surgical outcome and its determinants following posterior cortex epilepsy surgery. <i>Epilepsia</i> , 2009 , 50, 2040-52	6.4	66
75	The Family Pictures subtest of the WMS-III: relationship to verbal and visual memory following temporal lobectomy for intractable epilepsy. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2009 , 31, 498-504	2.1	10
74	Meningiomas and Epilepsy 2009 , 243-246		1
73	Relationship between presurgical memory performance on the Wechsler Memory Scale-III and memory change following temporal resection for treatment of intractable epilepsy. <i>Epilepsy and Behavior</i> , 2008 , 13, 372-5	3.2	18
72	APOE epsilon4 is associated with postictal confusion in patients with medically refractory temporal lobe epilepsy. <i>Epilepsy Research</i> , 2008 , 81, 220-4	3	11
71	Sudden unexpected death in epilepsy: impact, mechanisms, and prevention. <i>Cleveland Clinic Journal of Medicine</i> , 2008 , 75 Suppl 2, S66-70	2.8	29
70	Poor presurgical performance on both verbal and visual memory measures is associated with low risk for memory decline following left temporal lobectomy for intractable epilepsy. <i>Epileptic Disorders</i> , 2008 , 10, 199-205	1.9	6
69	Neurogenesis in the postnatal human epileptic brain. <i>Journal of Neurosurgery</i> , 2007 , 107, 628-35	3.2	27
68	Altered glutamate receptor - transporter expression and spontaneous seizures in rats exposed to methylazoxymethanol in utero. <i>Epilepsia</i> , 2007 , 48, 158-68	6.4	45
67	Seizure-promoting effect of blood-brain barrier disruption. <i>Epilepsia</i> , 2007 , 48, 732-42	6.4	380

66	Pathophysiological mechanisms of focal cortical dysplasia: a critical review of human tissue studies and animal models. <i>Epilepsia</i> , 2007 , 48 Suppl 2, 21-32	6.4	59
65	In vivo and in vitro effects of pilocarpine: relevance to ictogenesis. <i>Epilepsia</i> , 2007 , 48, 1934-46	6.4	130
64	Magnetic resonance spectroscopy in animal models of epilepsy. <i>Epilepsia</i> , 2007 , 48 Suppl 4, 47-55	6.4	14
63	ApoE-epsilon4 is associated with reduced memory in long-standing intractable temporal lobe epilepsy. <i>Neurology</i> , 2007 , 68, 409-14	6.5	44
62	Viral clostridial light chain gene-based control of penicillin-induced neocortical seizures. <i>Molecular Therapy</i> , 2007 , 15, 542-51	11.7	8
61	Surgical outcome and prognostic factors of frontal lobe epilepsy surgery. <i>Brain</i> , 2007 , 130, 574-84	11.2	320
60	Dissociation between in vitro and in vivo epileptogenicity in a rat model of cortical dysplasia. <i>Epileptic Disorders</i> , 2007 , 9, 11-9	1.9	23
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