

Patrick Chauvel

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151
papers

9,241
citations

56
h-index

93
g-index

166
ext. papers

10,769
ext. citations

5.6
avg, IF

5.85
L-index

#	Paper	IF	Citations
151	Generators of the late cognitive potentials in auditory and visual oddball tasks. <i>Electroencephalography and Clinical Neurophysiology</i> , 1998 , 106, 156-64		487
150	Intracerebral potentials to rare target and distractor auditory and visual stimuli. I. Superior temporal plane and parietal lobe. <i>Electroencephalography and Clinical Neurophysiology</i> , 1995 , 94, 191-220		431
149	Epileptogenicity of brain structures in human temporal lobe epilepsy: a quantified study from intracerebral EEG. <i>Brain</i> , 2008 , 131, 1818-30	11.2	355
148	The intracranial topography of the P3 event-related potential elicited during auditory oddball. <i>Electroencephalography and Clinical Neurophysiology</i> , 1990 , 76, 235-48		326
147	Decreased basal fMRI functional connectivity in epileptogenic networks and contralateral compensatory mechanisms. <i>Human Brain Mapping</i> , 2009 , 30, 1580-91	5.9	288
146	The role of corticothalamic coupling in human temporal lobe epilepsy. <i>Brain</i> , 2006 , 129, 1917-28	11.2	249
145	Neural networks involving the medial temporal structures in temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2001 , 112, 1746-60	4.3	209
144	Is SEEG safe? A systematic review and meta-analysis of stereo-electroencephalography-related complications. <i>Epilepsia</i> , 2016 , 57, 386-401	6.4	208
143	Emotion induction after direct intracerebral stimulations of human amygdala. <i>Cerebral Cortex</i> , 2007 , 17, 1307-13	5.1	199
142	Stereo-electroencephalography in presurgical assessment of MRI-negative epilepsy. <i>Brain</i> , 2007 , 130, 3169-83	11.2	193
141	Action monitoring and medial frontal cortex: leading role of supplementary motor area. <i>Science</i> , 2014 , 343, 888-91	33.3	165
140	The Virtual Epileptic Patient: Individualized whole-brain models of epilepsy spread. <i>NeuroImage</i> , 2017 , 145, 377-388	7.9	163
139	Enhanced EEG functional connectivity in mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2008 , 81, 58-63		163
138	Impaired consciousness during temporal lobe seizures is related to increased long-distance cortical-subcortical synchronization. <i>Brain</i> , 2009 , 132, 2091-101	11.2	156
137	Entorhinal cortex involvement in human mesial temporal lobe epilepsy: an electrophysiologic and volumetric study. <i>Epilepsia</i> , 2005 , 46, 677-87	6.4	156
136	Gamma Knife Surgery for Epilepsy Related to Hypothalamic Hamartomas. <i>Neurosurgery</i> , 2000 , 47, 1343-1352	3.2	155
135	Semiologic and electrophysiologic correlations in temporal lobe seizure subtypes. <i>Epilepsia</i> , 2004 , 45, 1590-9	6.4	154

134	Interictal to ictal transition in human temporal lobe epilepsy: insights from a computational model of intracerebral EEG. <i>Journal of Clinical Neurophysiology</i> , 2005 , 22, 343-56	2.2	151
133	Role of resting state functional connectivity MRI in presurgical investigation of mesial temporal lobe epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010 , 81, 1147-54	5.5	136
132	Frontal lobe seizures: from clinical semiology to localization. <i>Epilepsia</i> , 2014 , 55, 264-77	6.4	128
131	Epilepsy related to hypothalamic hamartomas: surgical management with special reference to gamma knife surgery. <i>Childs Nervous System</i> , 2006 , 22, 881-95	1.7	127
130	Spatio temporal dynamics of face recognition. <i>Cerebral Cortex</i> , 2008 , 18, 997-1009	5.1	126
129	Temporal envelope processing in the human left and right auditory cortices. <i>Cerebral Cortex</i> , 2004 , 14, 731-40	5.1	120
128	The dreamy state: hallucinations of autobiographic memory evoked by temporal lobe stimulations and seizures. <i>Brain</i> , 2007 , 130, 88-99	11.2	118
127	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
126	Local and remote epileptogenicity in focal cortical dysplasias and neurodevelopmental tumours. <i>Brain</i> , 2009 , 132, 3072-86	11.2	117
125	Epileptic networks in focal cortical dysplasia revealed using electroencephalography-functional magnetic resonance imaging. <i>Annals of Neurology</i> , 2011 , 70, 822-37	9.4	105
124	Gamma knife surgery for mesial temporal lobe epilepsy. <i>Epilepsia</i> , 1999 , 40, 1551-6	6.4	100
123	Organic electrochemical transistors for clinical applications. <i>Advanced Healthcare Materials</i> , 2015 , 4, 1427-31	7.1	99
122	Seizures of temporal lobe epilepsy: identification of subtypes by coherence analysis using stereo-electro-encephalography. <i>Clinical Neurophysiology</i> , 1999 , 110, 1741-54	4.3	99
121	From intracerebral EEG signals to brain connectivity: identification of epileptogenic networks in partial epilepsy. <i>Frontiers in Systems Neuroscience</i> , 2010 , 4, 154	3.5	93
120	The generation and propagation of the human alpha rhythm. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 23772-23782	11.5	87
119	Gamma knife surgery for epilepsy related to hypothalamic hamartomas. <i>Seminars in Pediatric Neurology</i> , 2007 , 14, 73-9	2.9	85
118	Interictal functional connectivity of human epileptic networks assessed by intracerebral EEG and BOLD signal fluctuations. <i>PLoS ONE</i> , 2011 , 6, e20071	3.7	84
117	Large-scale expression study of human mesial temporal lobe epilepsy: evidence for dysregulation of the neurotransmission and complement systems in the entorhinal cortex. <i>Brain</i> , 2006 , 129, 625-41	11.2	83

116	From mesial temporal lobe to temporoparietal seizures: a quantified study of temporal lobe seizure networks. <i>Epilepsia</i> , 2010 , 51, 2147-58	6.4	79
115	Neural networks underlying parietal lobe seizures: a quantified study from intracerebral recordings. <i>Epilepsy Research</i> , 2011 , 93, 164-76	3	78
114	Source localization of ictal epileptic activity investigated by high resolution EEG and validated by SEEG. <i>NeuroImage</i> , 2010 , 51, 642-53	7.9	78
113	Seizure-onset patterns in focal cortical dysplasia and neurodevelopmental tumors: Relationship with surgical prognosis and neuropathologic subtypes. <i>Epilepsia</i> , 2016 , 57, 1426-35	6.4	75
112	A fingerprint of the epileptogenic zone in human epilepsies. <i>Brain</i> , 2018 , 141, 117-131	11.2	74
111	Brain regions underlying word finding difficulties in temporal lobe epilepsy. <i>Brain</i> , 2009 , 132, 2772-84	11.2	72
110	Conducting polymer electrodes for electroencephalography. <i>Advanced Healthcare Materials</i> , 2014 , 3, 490-3	10.1	71
109	Neural mass activity, bifurcations, and epilepsy. <i>Neural Computation</i> , 2011 , 23, 3232-86	2.9	71
108	Permittivity coupling across brain regions determines seizure recruitment in partial epilepsy. <i>Journal of Neuroscience</i> , 2014 , 34, 15009-21	6.6	70
107	Electric source imaging in temporal lobe epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2004 , 21, 267-82	2.2	70
106	Coordination of cortical and thalamic activity during non-REM sleep in humans. <i>Nature Communications</i> , 2017 , 8, 15499	17.4	68
105	Imaging haemodynamic changes related to seizures: comparison of EEG-based general linear model, independent component analysis of fMRI and intracranial EEG. <i>NeuroImage</i> , 2010 , 53, 196-205	7.9	64
104	Recollection of vivid memories after perirhinal region stimulations: synchronization in the theta range of spatially distributed brain areas. <i>Neuropsychologia</i> , 2005 , 43, 1329-37	3.2	64
103	Intracerebral evoked potentials in pitch perception reveal a functional asymmetry of the human auditory cortex. <i>Annals of the New York Academy of Sciences</i> , 2001 , 930, 117-32	6.5	63
102	The serotonergic innervation of the cerebral cortex in man and its changes in focal cortical dysplasia. <i>Epilepsy Research</i> , 1996 , 25, 79-106	3	62
101	A physiologically plausible spatio-temporal model for EEG signals recorded with intracerebral electrodes in human partial epilepsy. <i>IEEE Transactions on Biomedical Engineering</i> , 2007 , 54, 380-8	5	61
100	Emergence of semiology in epileptic seizures. <i>Epilepsy and Behavior</i> , 2014 , 38, 94-103	3.2	60
99	The neuronal sources of EEG: modeling of simultaneous scalp and intracerebral recordings in epilepsy. <i>NeuroImage</i> , 2008 , 42, 135-46	7.9	59

98	Acute alteration of emotional behaviour in epileptic seizures is related to transient desynchrony in emotion-regulation networks. <i>Clinical Neurophysiology</i> , 2005 , 116, 2473-9	4.3	59
97	Intracerebral study of gamma rhythm reactivity in the sensorimotor cortex. <i>European Journal of Neuroscience</i> , 2005 , 21, 1223-35	3.5	58
96	Neural networks underlying hyperkinetic seizures of "temporal lobe" origin. <i>Epilepsy Research</i> , 2009 , 86, 200-8	3	56
95	High-frequency stimulation of anterior nucleus of thalamus desynchronizes epileptic network in humans. <i>Brain</i> , 2018 , 141, 2631-2643	11.2	52
94	Electric source imaging in frontal lobe epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2006 , 23, 358-70	2.2	51
93	Intracranial ERPs in humans during a lateralized visual oddball task: II. Temporal, parietal, and frontal recordings. <i>Clinical Neurophysiology</i> , 1999 , 110, 1226-44	4.3	50
92	Early widespread cortical distribution of coherent fusiform face selective activity. <i>Human Brain Mapping</i> , 2000 , 11, 286-93	5.9	48
91	Rhinal-hippocampal interactions during dffvu. <i>Clinical Neurophysiology</i> , 2012 , 123, 489-95	4.3	46
90	Evidence of lateralized anteromedial temporal structures involvement in musical emotion processing. <i>Neuropsychologia</i> , 2008 , 46, 2485-93	3.2	46
89	Electrical Stimulation for Seizure Induction and Functional Mapping in Stereoelectroencephalography. <i>Journal of Clinical Neurophysiology</i> , 2016 , 33, 511-521	2.2	45
88	Interictal networks in magnetoencephalography. <i>Human Brain Mapping</i> , 2014 , 35, 2789-805	5.9	43
87	Source localization of scalp-EEG interictal spikes in posterior cortex epilepsies investigated by HR-EEG and SEEG. <i>Epilepsia</i> , 2009 , 50, 276-89	6.4	43
86	Hemispheric lateralization of voice onset time (VOT) comparison between depth and scalp EEG recordings. <i>NeuroImage</i> , 2005 , 27, 1-14	7.9	43
85	Safety and efficacy of Gamma Knife radiosurgery in hypothalamic hamartomas with severe epilepsies: A prospective trial in 48 patients and review of the literature. <i>Epilepsia</i> , 2017 , 58 Suppl 2, 60-714	6.4	40
84	The Frontal Lobe Seizures and Epilepsies. <i>Epilepsia</i> , 1997 , 38, 2-3	6.4	38
83	What is the significance of interictal water diffusion changes in frontal lobe epilepsies?. <i>NeuroImage</i> , 2007 , 35, 28-37	7.9	38
82	Neural networks underlying epileptic humming. <i>Epilepsia</i> , 2002 , 43, 1001-12	6.4	37
81	Metabolic and electrophysiological alterations in subtypes of temporal lobe epilepsy: a combined proton magnetic resonance spectroscopic imaging and depth electrodes study. <i>Epilepsia</i> , 2002 , 43, 1197-209	6.4	36

80	Functional interactions in brain networks underlying epileptic seizures in bilateral diffuse periventricular heterotopia. <i>Clinical Neurophysiology</i> , 2008 , 119, 212-23	4.3	35
79	Preictal changes in cerebral haemodynamics: review of findings and insights from intracerebral EEG. <i>Epilepsy Research</i> , 2011 , 97, 252-66	3	34
78	Ictal single photon emission computed tomography in occipital lobe seizures. <i>Epilepsia</i> , 1997 , 38, 839-436.4		34
77	Simultaneous recording of MEG, EEG and intracerebral EEG during visual stimulation: from feasibility to single-trial analysis. <i>NeuroImage</i> , 2014 , 99, 548-58	7.9	33
76	Facilitation of focal cobalt-induced epilepsy after lesions of the noradrenergic locus coeruleus system. <i>Brain Research</i> , 1988 , 454, 308-14	3.7	32
75	Stereoelectroencephalography: Interpretation. <i>Journal of Clinical Neurophysiology</i> , 2016 , 33, 503-510	2.2	31
74	Beyond the lesion: the epileptogenic networks around cavernous angiomas. <i>Epilepsy Research</i> , 2014 , 108, 701-8	3	30
73	Dysfunction of GABAA receptor glycolysis-dependent modulation in human partial epilepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007 , 104, 3472-7	11.5	30
72	Predictive Factors of Surgical Outcome in Frontal Lobe Epilepsy Explored with Stereoelectroencephalography. <i>Neurosurgery</i> , 2018 , 83, 217-225	3.2	28
71	Relationship between intracerebral gamma oscillations and slow potentials in the human sensorimotor cortex. <i>European Journal of Neuroscience</i> , 2006 , 24, 947-54	3.5	28
70	Mining reproducible activation patterns in epileptic intracerebral EEG signals: application to interictal activity. <i>IEEE Transactions on Biomedical Engineering</i> , 2004 , 51, 304-15	5	28
69	Presurgical intracranial investigations in epilepsy surgery. <i>Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn</i> , 2019 , 161, 45-71	3	26
68	Memory scrutinized through electrical brain stimulation: A review of 80 years of experiential phenomena. <i>Neuroscience and Biobehavioral Reviews</i> , 2017 , 78, 161-177	9	25
67	Epileptogenic networks in seizures arising from motor systems. <i>Epilepsy Research</i> , 2013 , 106, 92-102	3	25
66	From perception to recognition memory: time course and lateralization of neural substrates of word and abstract picture processing. <i>Journal of Cognitive Neuroscience</i> , 2011 , 23, 782-800	3.1	25
65	Evidence of functional connectivity between auditory cortical areas revealed by amplitude modulation sound processing. <i>Cerebral Cortex</i> , 2007 , 17, 304-13	5.1	25
64	Heterogeneous distribution of polyamines in temporal lobe epilepsy. <i>Epilepsy Research</i> , 1999 , 35, 161-72		25
63	Reversible antisocial behavior in ventromedial prefrontal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2013 , 29, 367-73	3.2	23

62	Hyperactivation of parahippocampal region and fusiform gyrus associated with successful encoding in medial temporal lobe epilepsy. <i>Epilepsia</i> , 2011 , 52, 1100-9	6.4	23
61	Insulo-opercular cortex generates oroalimentary automatisms in temporal seizures. <i>Epilepsia</i> , 2018 , 59, 583-594	6.4	22
60	Recording of fast activity at the onset of partial seizures: depth EEG vs. scalp EEG. <i>NeuroImage</i> , 2012 , 59, 3474-87	7.9	22
59	Subclinical abnormal gyration pattern, a potential anatomic marker of epileptogenic zone in patients with magnetic resonance imaging-negative frontal lobe epilepsy. <i>Neurosurgery</i> , 2011 , 69, 80-93; discussion 93-4	3.2	22
58	MEG and EEG sensitivity in a case of medial occipital epilepsy. <i>Brain Topography</i> , 2014 , 27, 192-6	4.3	21
57	Electrophysiological study of the basal temporal language area: a convergence zone between language perception and production networks. <i>Clinical Neurophysiology</i> , 2009 , 120, 539-50	4.3	21
56	Intracranial ERPs in humans during a lateralized visual oddball task: I. Occipital and peri-Rolandic recordings. <i>Clinical Neurophysiology</i> , 1999 , 110, 1210-25	4.3	21
55	Performance in recognition memory is correlated with entorhinal/perirhinal interictal metabolism in temporal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2010 , 19, 612-7	3.2	19
54	Theta Bursts Precede, and Spindles Follow, Cortical and Thalamic Downstates in Human NREM Sleep. <i>Journal of Neuroscience</i> , 2018 , 38, 9989-10001	6.6	19
53	Prefrontal seizures manifesting as motor stereotypies. <i>Movement Disorders</i> , 2014 , 29, 1181-5	7	18
52	Distribution, Amplitude, Incidence, Co-Occurrence, and Propagation of Human K-Complexes in Focal Transcortical Recordings. <i>ENeuro</i> , 2015 , 2,	3.9	18
51	Cortico-striatal synchronization in human focal seizures. <i>Brain</i> , 2019 , 142, 1282-1295	11.2	17
50	Comparison of Brain Networks During Interictal Oscillations and Spikes on Magnetoencephalography and Intracerebral EEG. <i>Brain Topography</i> , 2016 , 29, 752-65	4.3	16
49	Altered patterns of catecholaminergic fibers in focal cortical dysplasia in two patients with partial seizures. <i>Epilepsy Research</i> , 1994 , 19, 161-79	3	16
48	Ictal Magnetic Source Imaging in Presurgical Assessment. <i>Brain Topography</i> , 2016 , 29, 182-92	4.3	14
47	The different patterns of seizure-induced aphasia in temporal lobe epilepsies. <i>Epilepsy and Behavior</i> , 2018 , 78, 256-264	3.2	14
46	Reading epilepsy from the dominant temporo-occipital region. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010 , 81, 710-5	5.5	14
45	Seeking new paradigms in epilepsy: stereotactic radiosurgery. <i>Neurosurgery</i> , 2012 , 59, 59-69	3.2	14

44	Frontal Lobe Epilepsy: Seizure Semiology and Presurgical Evaluation. <i>Practical Neurology</i> , 2004 , 4, 260-273	2.3	14
43	Contextual modulation of hippocampal activity during picture naming. <i>Brain and Language</i> , 2016 , 159, 92-101	2.9	14
42	Correlation between interictal regional cerebral blood flow and depth-recorded interictal spiking in temporal lobe epilepsy. <i>Epilepsia</i> , 1998 , 39, 67-76	6.4	13
41	How functional coupling between the auditory cortex and the amygdala induces musical emotion: a single case study. <i>Cortex</i> , 2014 , 60, 82-93	3.8	12
40	Magnetic source imaging in posterior cortex epilepsies. <i>Brain Topography</i> , 2015 , 28, 162-71	4.3	11
39	The usefulness of stereo-electroencephalography (SEEG) in the surgical management of focal epilepsy associated with "hidden" temporal pole encephalocele: a case report and literature review. <i>Neurosurgical Review</i> , 2018 , 41, 347-354	3.9	11
38	Ventral and dorsal pathways of speech perception: an intracerebral ERP study. <i>Brain and Language</i> , 2013 , 127, 273-83	2.9	11
37	Gamma knife radiosurgery of paracentral epilepsy. <i>Stereotactic and Functional Neurosurgery</i> , 2014 , 92, 346-53	1.6	10
36	POSITIVE AND NEGATIVE MUSIC RECOGNITION REVEALS A SPECIALIZATION OF MESIO-TEMPORAL STRUCTURES IN EPILEPTIC PATIENTS. <i>Music Perception</i> , 2008 , 25, 295-302	1.6	10
35	Physiology of frontal lobe seizures: pre-ictal, ictal and inter-ictal relationships. <i>Supplements To Clinical Neurophysiology</i> , 2004 , 57, 400-7		10
34	Timing and localization of movement-related spectral changes in the human peri-Rolandic cortex: intracranial recordings. <i>NeuroImage</i> , 2001 , 14, 391-405	7.9	10
33	MRI-negative prefrontal epilepsy due to cortical dysplasia explored by stereoelectroencephalography (SEEG). <i>Epileptic Disorders</i> , 2008 , 10, 330-8	1.9	9
32	Hippocampus duality: Memory and novelty detection are subserved by distinct mechanisms. <i>Hippocampus</i> , 2017 , 27, 405-416	3.5	8
31	Is the caudate nucleus capable of generating seizures? Evidence from direct intracerebral recordings. <i>Clinical Neurophysiology</i> , 2018 , 129, 931-933	4.3	8
30	Learning to define an electrical biomarker of the epileptogenic zone. <i>Human Brain Mapping</i> , 2020 , 41, 429-441	5.9	8
29	Electrical stimulation for seizure induction during SEEG exploration: a useful predictor of postoperative seizure recurrence?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 ,	5.5	7
28	Promise and pitfalls of prognostic models for epilepsy surgery-AuthorsSreply. <i>Lancet Neurology, The</i> , 2015 , 14, 684	24.1	6
27	MULAN: Evaluation and ensemble statistical inference for functional connectivity. <i>NeuroImage</i> , 2018 , 166, 167-184	7.9	6

26	3D model fitting for facial expression analysis under uncontrolled imaging conditions 2008 ,		6
25	Improved identification and differentiation from epileptiform activity of human hippocampal sharp wave ripples during NREM sleep. <i>Hippocampus</i> , 2020 , 30, 610-622	3.5	6
24	On seizure semiology. <i>Epilepsia</i> , 2021 , 62, 2019-2035	6.4	6
23	A NATO International Advanced Research Workshop on Frontal Lobe Seizures and Epilepsies. Paris, France, November 1-5, 1987. Abstracts. <i>Epilepsia</i> , 1988 , 29, 204-21	6.4	5
22	Heterotopia or overlaying cortex: What about in-between?. <i>Epilepsy & Behavior Case Reports</i> , 2019 , 11, 4-9	1.2	5
21	Perisylvian vulnerability to postencephalitic epilepsy. <i>Clinical Neurophysiology</i> , 2020 , 131, 1702-1710	4.3	4
20	as a manifestation of focal epileptic seizures. <i>Neurology: Clinical Practice</i> , 2018 , 8, 354-356	1.7	4
19	Ictal "hemiballistic-like" movement: lateralizing and localizing value. <i>Epilepsia</i> , 2012 , 53, e41-5	6.4	4
18	Methods of Localization Applied to EEG Paroxysmal Interictal Activities. <i>Epilepsia</i> , 1997 , 38, 58-65	6.4	4
17	Epilepsy. <i>Progress in Neurological Surgery</i> , 2007 , 20, 267-278	1.4	4
16	Neural network underlying ictal humming demonstrated by very early SPECT: a case report. <i>Epilepsia</i> , 2006 , 47, 1968-70	6.4	4
15	Localization value of subclinical seizures on scalp video-EEG in epilepsy presurgical evaluation. <i>Epilepsia</i> , 2019 , 60, 2477-2485	6.4	4
14	Realistic synthetic background neuronal activity for the analysis of MEG probe configurations. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , 2007 , 2007, 2460-3		2
13	From epilepsy genes to epileptogenic networks: the missing links. <i>Current Opinion in Neurology</i> , 2004 , 17, 139-40	7.1	2
12	The Epileptogenic Zone: A Critical Reconstruction 2020 ,		2
11	In Reply: Predictive Factors of Surgical Outcome in Frontal Lobe Epilepsy Explored with Stereoelectroencephalography. <i>Neurosurgery</i> , 2019 , 85, E790	3.2	1
10	The Stereoelectroencephalography Methodology Applied to Epilepsies with a Visible Lesion. <i>Neurosurgery Clinics of North America</i> , 2020 , 31, 387-394	4	1
9	Spontaneous seizure remission following status epilepticus in drug-resistant epilepsy due to focal cortical dysplasia. <i>Epilepsy Research</i> , 2017 , 137, 73-77	3	0

- 8 Des sources neuronales aux signaux EEG : modélisation et interprétation des activités épileptiques. *Irjm*, **2009**, 30, 119-127 4.8 ○
- 7 What diencephalic and the "dreamy state" tell us about episodic memory networks.. *Clinical Neurophysiology*, **2022**, 136, 173-181 4.3 ○
- 6 La vulnérabilité émotionnelle dans les épilepsies temporales: un lien entre psychogénèse et épileptogénèse?. *Epilepsies*, **2009**, 21, 349-355
- 5 Reply: On the Role of Medial Pulvinar Thalamic (PuM) Nucleus in Temporal Lobe Epilepsy. *Brain*, **2007**, 130, e72-e72 11.2
- 4 Intractable Epilepsies **2008**, 573-581
- 3 Etapes neurophysiologiques dans la perception : EEG et MEG. *Questions De Personne*, **1995**, 135-179
- 2 Radiosurgery for Drug-Resistant Epilepsies: State of the Art, Results, and Perspectives **2015**, 699-709
- 1 3. Le traitement musical au niveau du cortex auditif. *Questions De Personne*, **2010**, 47-64