

Patrick Chauvel

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.

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 | What do IIVu and the "dreamy state" tell us about episodic memory networks.. <i>Clinical Neurophysiology</i> , 2022 , 136, 173-181 | 4.3 | 0 |
| 150 | On seizure semiology. <i>Epilepsia</i> , 2021 , 62, 2019-2035 | 6.4 | 6 |
| 149 | The Stereoelectroencephalography Methodology Applied to Epilepsies with a Visible Lesion. <i>Neurosurgery Clinics of North America</i> , 2020 , 31, 387-394 | 4 | 1 |
| 148 | Perisylvian vulnerability to postencephalitic epilepsy. <i>Clinical Neurophysiology</i> , 2020 , 131, 1702-1710 | 4.3 | 4 |
| 147 | The Epileptogenic Zone: A Critical Reconstruction 2020 , | | 2 |
| 146 | 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 |
| 145 | Learning to define an electrical biomarker of the epileptogenic zone. <i>Human Brain Mapping</i> , 2020 , 41, 429-441 | 5.9 | 8 |
| 144 | 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 |
| 143 | In Reply: Predictive Factors of Surgical Outcome in Frontal Lobe Epilepsy Explored with Stereoelectroencephalography. <i>Neurosurgery</i> , 2019 , 85, E790 | 3.2 | 1 |
| 142 | Cortico-striatal synchronization in human focal seizures. <i>Brain</i> , 2019 , 142, 1282-1295 | 11.2 | 17 |
| 141 | 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 |
| 140 | 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 |
| 139 | Localization value of subclinical seizures on scalp video-EEG in epilepsy presurgical evaluation. <i>Epilepsia</i> , 2019 , 60, 2477-2485 | 6.4 | 4 |
| 138 | Heterotopia or overlaying cortex: What about in-between?. <i>Epilepsy & Behavior Case Reports</i> , 2019 , 11, 4-9 | 1.2 | 5 |
| 137 | Is the caudate nucleus capable of generating seizures? Evidence from direct intracerebral recordings. <i>Clinical Neurophysiology</i> , 2018 , 129, 931-933 | 4.3 | 8 |
| 136 | Insulo-opercular cortex generates oroalimentary automatisms in temporal seizures. <i>Epilepsia</i> , 2018 , 59, 583-594 | 6.4 | 22 |
| 135 | The different patterns of seizure-induced aphasia in temporal lobe epilepsies. <i>Epilepsy and Behavior</i> , 2018 , 78, 256-264 | 3.2 | 14 |

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|-----|--|------|-----|
| 134 | A fingerprint of the epileptogenic zone in human epilepsies. <i>Brain</i> , 2018 , 141, 117-131 | 11.2 | 74 |
| 133 | Predictive Factors of Surgical Outcome in Frontal Lobe Epilepsy Explored with Stereoelectroencephalography. <i>Neurosurgery</i> , 2018 , 83, 217-225 | 3.2 | 28 |
| 132 | MULAN: Evaluation and ensemble statistical inference for functional connectivity. <i>NeuroImage</i> , 2018 , 166, 167-184 | 7.9 | 6 |
| 131 | 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 |
| 130 | High-frequency stimulation of anterior nucleus of thalamus desynchronizes epileptic network in humans. <i>Brain</i> , 2018 , 141, 2631-2643 | 11.2 | 52 |
| 129 | as a manifestation of focal epileptic seizures. <i>Neurology: Clinical Practice</i> , 2018 , 8, 354-356 | 1.7 | 4 |
| 128 | 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 |
| 127 | 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 |
| 126 | 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, 60-71 | 6.4 | 40 |
| 125 | Coordination of cortical and thalamic activity during non-REM sleep in humans. <i>Nature Communications</i> , 2017 , 8, 15499 | 17.4 | 68 |
| 124 | Hippocampus duality: Memory and novelty detection are subserved by distinct mechanisms. <i>Hippocampus</i> , 2017 , 27, 405-416 | 3.5 | 8 |
| 123 | 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 |
| 122 | The Virtual Epileptic Patient: Individualized whole-brain models of epilepsy spread. <i>NeuroImage</i> , 2017 , 145, 377-388 | 7.9 | 163 |
| 121 | Ictal Magnetic Source Imaging in Presurgical Assessment. <i>Brain Topography</i> , 2016 , 29, 182-92 | 4.3 | 14 |
| 120 | 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 |
| 119 | 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 |
| 118 | Contextual modulation of hippocampal activity during picture naming. <i>Brain and Language</i> , 2016 , 159, 92-101 | 2.9 | 14 |
| 117 | Is SEEG safe? A systematic review and meta-analysis of stereo-electroencephalography-related complications. <i>Epilepsia</i> , 2016 , 57, 386-401 | 6.4 | 208 |

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|-----|---|------|-----|
| 116 | Electrical Stimulation for Seizure Induction and Functional Mapping in Stereoelectroencephalography. <i>Journal of Clinical Neurophysiology</i> , 2016 , 33, 511-521 | 2.2 | 45 |
| 115 | Stereoelectroencephalography: Interpretation. <i>Journal of Clinical Neurophysiology</i> , 2016 , 33, 503-510 | 2.2 | 31 |
| 114 | Promise and pitfalls of prognostic models for epilepsy surgery-AuthorsSreply. <i>Lancet Neurology, The</i> , 2015 , 14, 684 | 24.1 | 6 |
| 113 | Magnetic source imaging in posterior cortex epilepsies. <i>Brain Topography</i> , 2015 , 28, 162-71 | 4.3 | 11 |
| 112 | Organic electrochemical transistors for clinical applications. <i>Advanced Healthcare Materials</i> , 2015 , 4, 1421-16.1 | 10.1 | 99 |
| 111 | Development and validation of nomograms to provide individualised predictions of seizure outcomes after epilepsy surgery: a retrospective analysis. <i>Lancet Neurology, The</i> , 2015 , 14, 283-90 | 24.1 | 117 |
| 110 | Distribution, Amplitude, Incidence, Co-Occurrence, and Propagation of Human K-Complexes in Focal Transcortical Recordings. <i>ENeuro</i> , 2015 , 2, | 3.9 | 18 |
| 109 | Radiosurgery for Drug-Resistant Epilepsies: State of the Art, Results, and Perspectives 2015 , 699-709 | | |
| 108 | Beyond the lesion: the epileptogenic networks around cavernous angiomas. <i>Epilepsy Research</i> , 2014 , 108, 701-8 | 3 | 30 |
| 107 | Emergence of semiology in epileptic seizures. <i>Epilepsy and Behavior</i> , 2014 , 38, 94-103 | 3.2 | 60 |
| 106 | Permittivity coupling across brain regions determines seizure recruitment in partial epilepsy. <i>Journal of Neuroscience</i> , 2014 , 34, 15009-21 | 6.6 | 70 |
| 105 | Frontal lobe seizures: from clinical semiology to localization. <i>Epilepsia</i> , 2014 , 55, 264-77 | 6.4 | 128 |
| 104 | Action monitoring and medial frontal cortex: leading role of supplementary motor area. <i>Science</i> , 2014 , 343, 888-91 | 33.3 | 165 |
| 103 | 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 |
| 102 | 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 |
| 101 | Gamma knife radiosurgery of paracentral epilepsy. <i>Stereotactic and Functional Neurosurgery</i> , 2014 , 92, 346-53 | 1.6 | 10 |
| 100 | Prefrontal seizures manifesting as motor stereotypies. <i>Movement Disorders</i> , 2014 , 29, 1181-5 | 7 | 18 |
| 99 | Interictal networks in magnetoencephalography. <i>Human Brain Mapping</i> , 2014 , 35, 2789-805 | 5.9 | 43 |

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|----|---|------|-----|
| 98 | Conducting polymer electrodes for electroencephalography. <i>Advanced Healthcare Materials</i> , 2014 , 3, 490-3 | 10.1 | 71 |
| 97 | MEG and EEG sensitivity in a case of medial occipital epilepsy. <i>Brain Topography</i> , 2014 , 27, 192-6 | 4.3 | 21 |
| 96 | Ventral and dorsal pathways of speech perception: an intracerebral ERP study. <i>Brain and Language</i> , 2013 , 127, 273-83 | 2.9 | 11 |
| 95 | Reversible antisocial behavior in ventromedial prefrontal lobe epilepsy. <i>Epilepsy and Behavior</i> , 2013 , 29, 367-73 | 3.2 | 23 |
| 94 | Epileptogenic networks in seizures arising from motor systems. <i>Epilepsy Research</i> , 2013 , 106, 92-102 | 3 | 25 |
| 93 | Rhinal-hippocampal interactions during d μ vu. <i>Clinical Neurophysiology</i> , 2012 , 123, 489-95 | 4.3 | 46 |
| 92 | 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 |
| 91 | Ictal "hemiballistic-like" movement: lateralizing and localizing value. <i>Epilepsia</i> , 2012 , 53, e41-5 | 6.4 | 4 |
| 90 | Seeking new paradigms in epilepsy: stereotactic radiosurgery. <i>Neurosurgery</i> , 2012 , 59, 59-69 | 3.2 | 14 |
| 89 | 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 |
| 88 | 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 |
| 87 | 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 |
| 86 | Preictal changes in cerebral haemodynamics: review of findings and insights from intracerebral EEG. <i>Epilepsy Research</i> , 2011 , 97, 252-66 | 3 | 34 |
| 85 | 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 |
| 84 | Neural networks underlying parietal lobe seizures: a quantified study from intracerebral recordings. <i>Epilepsy Research</i> , 2011 , 93, 164-76 | 3 | 78 |
| 83 | 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 |
| 82 | Neural mass activity, bifurcations, and epilepsy. <i>Neural Computation</i> , 2011 , 23, 3232-86 | 2.9 | 71 |
| 81 | 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 |

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|----|--|------|-----|
| 80 | Reading epilepsy from the dominant temporo-occipital region. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010 , 81, 710-5 | 5.5 | 14 |
| 79 | 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 |
| 78 | 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 |
| 77 | 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 |
| 76 | 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 |
| 75 | From mesial temporal lobe to temporoperisylvian seizures: a quantified study of temporal lobe seizure networks. <i>Epilepsia</i> , 2010 , 51, 2147-58 | 6.4 | 79 |
| 74 | 3. Le traitement musical au niveau du cortex auditif. <i>Questions De Personne</i> , 2010 , 47-64 | | |
| 73 | La vulnérabilité émotionnelle dans les épilepsies temporales: un lien entre psychogénèse et épileptogénèse?. <i>Epilepsies</i> , 2009 , 21, 349-355 | | |
| 72 | 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 |
| 71 | Local and remote epileptogenicity in focal cortical dysplasias and neurodevelopmental tumours. <i>Brain</i> , 2009 , 132, 3072-86 | 11.2 | 117 |
| 70 | Brain regions underlying word finding difficulties in temporal lobe epilepsy. <i>Brain</i> , 2009 , 132, 2772-84 | 11.2 | 72 |
| 69 | Decreased basal fMRI functional connectivity in epileptogenic networks and contralateral compensatory mechanisms. <i>Human Brain Mapping</i> , 2009 , 30, 1580-91 | 5.9 | 288 |
| 68 | 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 |
| 67 | Des sources neuronales aux signaux EEG : modèle et interprétation des activités épileptiques. <i>Irjm</i> , 2009 , 30, 119-127 | 4.8 | 0 |
| 66 | Neural networks underlying hyperkinetic seizures of "temporal lobe" origin. <i>Epilepsy Research</i> , 2009 , 86, 200-8 | 3 | 56 |
| 65 | 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 |
| 64 | Evidence of lateralized anteromedial temporal structures involvement in musical emotion processing. <i>Neuropsychologia</i> , 2008 , 46, 2485-93 | 3.2 | 46 |
| 63 | The neuronal sources of EEG: modeling of simultaneous scalp and intracerebral recordings in epilepsy. <i>NeuroImage</i> , 2008 , 42, 135-46 | 7.9 | 59 |

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| 62 | Functional interactions in brain networks underlying epileptic seizures in bilateral diffuse periventricular heterotopia. <i>Clinical Neurophysiology</i> , 2008 , 119, 212-23 | 4.3 | 35 |
| 61 | 3D model fitting for facial expression analysis under uncontrolled imaging conditions 2008 , | | 6 |
| 60 | Spatio temporal dynamics of face recognition. <i>Cerebral Cortex</i> , 2008 , 18, 997-1009 | 5.1 | 126 |
| 59 | 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 |
| 58 | 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 |
| 57 | Enhanced EEG functional connectivity in mesial temporal lobe epilepsy. <i>Epilepsy Research</i> , 2008 , 81, 58-63 | | 163 |
| 56 | Intractable Epilepsies 2008 , 573-581 | | |
| 55 | MRI-negative prefrontal epilepsy due to cortical dysplasia explored by stereoelectroencephalography (SEEG). <i>Epileptic Disorders</i> , 2008 , 10, 330-8 | 1.9 | 9 |
| 54 | Epilepsy. <i>Progress in Neurological Surgery</i> , 2007 , 20, 267-278 | 1.4 | 4 |
| 53 | Gamma knife surgery for epilepsy related to hypothalamic hamartomas. <i>Seminars in Pediatric Neurology</i> , 2007 , 14, 73-9 | 2.9 | 85 |
| 52 | 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 |
| 51 | The dreamy state: hallucinations of autobiographic memory evoked by temporal lobe stimulations and seizures. <i>Brain</i> , 2007 , 130, 88-99 | 11.2 | 118 |
| 50 | 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 |
| 49 | Emotion induction after direct intracerebral stimulations of human amygdala. <i>Cerebral Cortex</i> , 2007 , 17, 1307-13 | 5.1 | 199 |
| 48 | Stereoelectroencephalography in presurgical assessment of MRI-negative epilepsy. <i>Brain</i> , 2007 , 130, 3169-83 | 11.2 | 193 |
| 47 | Reply: On the Role of Medial Pulvinar Thalamic (PuM) Nucleus in Temporal Lobe Epilepsy. <i>Brain</i> , 2007 , 130, e72-e72 | 11.2 | |
| 46 | 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 |
| 45 | What is the significance of interictal water diffusion changes in frontal lobe epilepsies?. <i>NeuroImage</i> , 2007 , 35, 28-37 | 7.9 | 38 |

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|----|--|------|-----|
| 44 | 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 |
| 43 | The role of corticothalamic coupling in human temporal lobe epilepsy. <i>Brain</i> , 2006 , 129, 1917-28 | 11.2 | 249 |
| 42 | 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 |
| 41 | Electric source imaging in frontal lobe epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2006 , 23, 358-70 | 2.2 | 51 |
| 40 | 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 |
| 39 | Neural network underlying ictal humming demonstrated by very early SPECT: a case report. <i>Epilepsia</i> , 2006 , 47, 1968-70 | 6.4 | 4 |
| 38 | 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 |
| 37 | 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 |
| 36 | Hemispheric lateralization of voice onset time (VOT) comparison between depth and scalp EEG recordings. <i>NeuroImage</i> , 2005 , 27, 1-14 | 7.9 | 43 |
| 35 | Entorhinal cortex involvement in human mesial temporal lobe epilepsy: an electrophysiologic and volumetric study. <i>Epilepsia</i> , 2005 , 46, 677-87 | 6.4 | 156 |
| 34 | Intracerebral study of gamma rhythm reactivity in the sensorimotor cortex. <i>European Journal of Neuroscience</i> , 2005 , 21, 1223-35 | 3.5 | 58 |
| 33 | 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 |
| 32 | 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 |
| 31 | Physiology of frontal lobe seizures: pre-ictal, ictal and inter-ictal relationships. <i>Supplements To Clinical Neurophysiology</i> , 2004 , 57, 400-7 | | 10 |
| 30 | Temporal envelope processing in the human left and right auditory cortices. <i>Cerebral Cortex</i> , 2004 , 14, 731-40 | 5.1 | 120 |
| 29 | Frontal Lobe Epilepsy: Seizure Semiology and Presurgical Evaluation. <i>Practical Neurology</i> , 2004 , 4, 260-273 | | 14 |
| 28 | Semiologic and electrophysiologic correlations in temporal lobe seizure subtypes. <i>Epilepsia</i> , 2004 , 45, 1590-9 | 6.4 | 154 |
| 27 | 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 |

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|----|--|-----|-----|
| 26 | Electric source imaging in temporal lobe epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2004 , 21, 267-82 | 2.2 | 70 |
| 25 | From epilepsy genes to epileptogenic networks: the missing links. <i>Current Opinion in Neurology</i> , 2004 , 17, 139-40 | 7.1 | 2 |
| 24 | 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 |
| 23 | Neural networks underlying epileptic humming. <i>Epilepsia</i> , 2002 , 43, 1001-12 | 6.4 | 37 |
| 22 | 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 |
| 21 | Neural networks involving the medial temporal structures in temporal lobe epilepsy. <i>Clinical Neurophysiology</i> , 2001 , 112, 1746-60 | 4.3 | 209 |
| 20 | 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 |
| 19 | Gamma Knife Surgery for Epilepsy Related to Hypothalamic Hamartomas. <i>Neurosurgery</i> , 2000 , 47, 1343-1352 | 3.5 | 155 |
| 18 | Early widespread cortical distribution of coherent fusiform face selective activity. <i>Human Brain Mapping</i> , 2000 , 11, 286-93 | 5.9 | 48 |
| 17 | Heterogeneous distribution of polyamines in temporal lobe epilepsy. <i>Epilepsy Research</i> , 1999 , 35, 161-72 | 3.3 | 25 |
| 16 | Gamma knife surgery for mesial temporal lobe epilepsy. <i>Epilepsia</i> , 1999 , 40, 1551-6 | 6.4 | 100 |
| 15 | 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 |
| 14 | 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 |
| 13 | 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 |
| 12 | 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 |
| 11 | Generators of the late cognitive potentials in auditory and visual oddball tasks. <i>Electroencephalography and Clinical Neurophysiology</i> , 1998 , 106, 156-64 | | 487 |
| 10 | Methods of Localization Applied to EEG Paroxysmal Interictal Activities. <i>Epilepsia</i> , 1997 , 38, 58-65 | 6.4 | 4 |
| 9 | The Frontal Lobe Seizures and Epilepsies. <i>Epilepsia</i> , 1997 , 38, 2-3 | 6.4 | 38 |

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| 8 | Ictal single photon emission computed tomography in occipital lobe seizures. <i>Epilepsia</i> , 1997 , 38, 839-436.4 | | 34 |
| 7 | 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 |
| 6 | 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 | | 43 ¹ |
| 5 | Etapas neurophysiologiques dans la perception : EEG et MEG. <i>Questions De Personne</i> , 1995 , 135-179 | | |
| 4 | 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 |
| 3 | The intracranial topography of the P3 event-related potential elicited during auditory oddball. <i>Electroencephalography and Clinical Neurophysiology</i> , 1990 , 76, 235-48 | | 326 |
| 2 | 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 |
| 1 | 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 |