

Wim Van Paesschen

List of Publications by Year in descending order

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153
papers

8,072
citations

71102

41
h-index

54911

84
g-index

158
all docs

158
docs citations

158
times ranked

8673
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Effects of Early Hippocampal Pathology on Episodic and Semantic Memory. <i>Science</i> , 1997, 277, 376-380.	12.6	1,600
2	Canonical Correlation Analysis Applied to Remove Muscle Artifacts From the Electroencephalogram. <i>IEEE Transactions on Biomedical Engineering</i> , 2006, 53, 2583-2587.	4.2	418
3	Mutations in GRIN2A cause idiopathic focal epilepsy with rolandic spikes. <i>Nature Genetics</i> , 2013, 45, 1067-1072.	21.4	391
4	Paroxysmal exercise-induced dyskinesia and epilepsy is due to mutations in SLC2A1, encoding the glucose transporter GLUT1. <i>Brain</i> , 2008, 131, 1831-1844.	7.6	340
5	Quantitative neuropathology and quantitative magnetic resonance imaging of the hippocampus in temporal lobe epilepsy. <i>Annals of Neurology</i> , 1997, 42, 756-766.	5.3	197
6	Seizure outcome and use of antiepileptic drugs after epilepsy surgery according to histopathological diagnosis: a retrospective multicentre cohort study. <i>Lancet Neurology</i> , The, 2020, 19, 748-757.	10.2	177
7	SPECT perfusion changes during complex partial seizures in patients with hippocampal sclerosis. <i>Brain</i> , 2003, 126, 1103-1111.	7.6	159
8	Automatic Removal of Ocular Artifacts in the EEG without an EOG Reference Channel. , 2006, , .		159
9	The Relationship Between Quantitative MRI and Neuropsychological Functioning in Temporal Lobe Epilepsy. <i>Epilepsia</i> , 1998, 39, 158-166.	5.1	148
10	Adjunctive brivaracetam for uncontrolled focal and generalized epilepsies: Results of a phase III, double-blind, randomized, placebo-controlled, flexible-dose trial. <i>Epilepsia</i> , 2014, 55, 38-46.	5.1	141
11	Defective membrane expression of the Na ⁺ -HCO ₃ ⁻ cotransporter NBCe1 is associated with familial migraine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 15963-15968.	7.1	135
12	Correlations of interictal FDG-PET metabolism and ictal SPECT perfusion changes in human temporal lobe epilepsy with hippocampal sclerosis. <i>NeuroImage</i> , 2006, 32, 684-695.	4.2	134
13	Neuronuclear Assessment of Patients With Epilepsy. <i>Seminars in Nuclear Medicine</i> , 2008, 38, 227-239.	4.6	133
14	Automated Epileptic Seizure Detection Based on Wearable ECG and PPG in a Hospital Environment. <i>Sensors</i> , 2017, 17, 2338.	3.8	133
15	The use of SPECT and PET in routine clinical practice in epilepsy. <i>Current Opinion in Neurology</i> , 2007, 20, 194-202.	3.6	129
16	Efficacy and tolerability of adjunctive brivaracetam in adults with uncontrolled partial-onset seizures: A phase IIb, randomized, controlled trial. <i>Epilepsia</i> , 2013, 54, 89-97.	5.1	123
17	Evaluation of anatomy based reconstruction for partial volume correction in brain FDG-PET. <i>NeuroImage</i> , 2004, 23, 305-317.	4.2	113
18	Canonical decomposition of ictal scalp EEG reliably detects the seizure onset zone. <i>NeuroImage</i> , 2007, 37, 844-854.	4.2	113

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19	Anatomical-Based FDG-PET Reconstruction for the Detection of Hypo-Metabolic Regions in Epilepsy. <i>IEEE Transactions on Medical Imaging</i> , 2004, 23, 510-519.	8.9	110
20	KOMET: an unblinded, randomised, two parallel-group, stratified trial comparing the effectiveness of levetiracetam with controlled-release carbamazepine and extended-release sodium valproate as monotherapy in patients with newly diagnosed epilepsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013, 84, 1138-1147.	1.9	103
21	Longitudinal Quantitative Hippocampal Magnetic Resonance Imaging Study of Adults with Newly Diagnosed Partial Seizures: One-Year Follow-Up Results. <i>Epilepsia</i> , 1998, 39, 633-639.	5.1	92
22	Improving the Interpretation of Ictal Scalp EEG: BSS?CCA Algorithm for Muscle Artifact Removal. <i>Epilepsia</i> , 2007, 48, 950-958.	5.1	86
23	In vivo activation of endocannabinoid system in temporal lobe epilepsy with hippocampal sclerosis. <i>Brain</i> , 2011, 134, 1033-1040.	7.6	84
24	Epilepsy as part of the phenotype associated with <i>ATP1A2</i> mutations. <i>Epilepsia</i> , 2008, 49, 500-508.	5.1	83
25	Comparison between Scalp EEG and Behind-the-Ear EEG for Development of a Wearable Seizure Detection System for Patients with Focal Epilepsy. <i>Sensors</i> , 2018, 18, 29.	3.8	78
26	Interaction Between Valproate and Meropenem: A Retrospective Study. <i>Annals of Pharmacotherapy</i> , 2007, 41, 1130-1136.	1.9	75
27	In vivo [¹¹ C] flumazenil-PET correlates with ex vivo [³ H] flumazenil autoradiography in hippocampal sclerosis. <i>Annals of Neurology</i> , 1998, 43, 618-626.	5.3	69
28	The Amygdala and Temporal Lobe Simple Partial Seizures: A Prospective and Quantitative MRI Study. <i>Epilepsia</i> , 2001, 42, 857-862.	5.1	64
29	Ictal Perfusion Patterns Associated with Single MRI-Visible Focal Dysplastic Lesions: Implications for the Noninvasive Delineation of the Epileptogenic Zone. <i>Epilepsia</i> , 2006, 47, 1550-1557.	5.1	64
30	Diagnostic implications of genetic copy number variation in epilepsy plus. <i>Epilepsia</i> , 2019, 60, 689-706.	5.1	61
31	A test of spatial memory and its clinical utility in the pre-surgical investigation of temporal lobe epilepsy patients. <i>Neuropsychologia</i> , 1998, 36, 591-602.	1.6	59
32	Incorporating structural information from the multichannel EEG improves patient-specific seizure detection. <i>Clinical Neurophysiology</i> , 2012, 123, 2352-2361.	1.5	58
33	Qualitative and quantitative imaging of the hippocampus in mesial temporal lobe epilepsy with hippocampal sclerosis. <i>Neuroimaging Clinics of North America</i> , 2004, 14, 373-400.	1.0	56
34	Central benzodiazepine receptor autoradiography in hippocampal sclerosis. <i>British Journal of Pharmacology</i> , 1997, 122, 358-364.	5.4	55
35	Novel locus on chromosome 12q22-q23.3 responsible for familial temporal lobe epilepsy associated with febrile seizures. <i>Journal of Medical Genetics</i> , 2004, 41, 710-714.	3.2	55
36	Status Gelasticus after Temporal Lobectomy: Ictal FDG-PET Findings and the Question of Dual Pathology Involving Hypothalamic Hamartomas. <i>Epilepsia</i> , 2005, 46, 1313-1316.	5.1	55

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37	Longitudinal microPET imaging of brain glucose metabolism in rat lithium-pilocarpine model of epilepsy. <i>Experimental Neurology</i> , 2009, 217, 205-209.	4.1	54
38	Metabolic Abnormalities and New-Onset Seizures in Human Immunodeficiency Virus-Seropositive Patients. <i>Epilepsia</i> , 1995, 36, 146-150.	5.1	52
39	Positron Emission Tomography (PET) Quantification of GABAA Receptors in the Brain of Fragile X Patients. <i>PLoS ONE</i> , 2015, 10, e0131486.	2.5	52
40	Dual Molecular Effects of Dominant RORA Mutations Cause Two Variants of Syndromic Intellectual Disability with Either Autism or Cerebellar Ataxia. <i>American Journal of Human Genetics</i> , 2018, 102, 744-759.	6.2	51
41	Block term decomposition for modelling epileptic seizures. <i>Eurasip Journal on Advances in Signal Processing</i> , 2014, 2014, .	1.7	49
42	Visual seizure annotation and automated seizure detection using behind-the-ear electroencephalographic channels. <i>Epilepsia</i> , 2020, 61, 766-775.	5.1	48
43	De novo mutations of KIAA2022 in females cause intellectual disability and intractable epilepsy. <i>Journal of Medical Genetics</i> , 2016, 53, 850-858.	3.2	47
44	Autoimmune-mediated encephalitis. <i>Neuroradiology</i> , 2011, 53, 837-851.	2.2	44
45	Dynamic perfusion patterns in temporal lobe epilepsy. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2009, 36, 823-830.	6.4	42
46	Online Automated Seizure Detection in Temporal Lobe Epilepsy Patients Using Single-lead ECG. <i>International Journal of Neural Systems</i> , 2017, 27, 1750022.	5.2	42
47	Anatomy-based reconstruction of FDG-PET images with implicit partial volume correction improves detection of hypometabolic regions in patients with epilepsy due to focal cortical dysplasia diagnosed on MRI. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2010, 37, 1148-1155.	6.4	40
48	The SKATE study: An open-label community-based study of levetiracetam as add-on therapy for adults with uncontrolled partial epilepsy. <i>Epilepsy Research</i> , 2007, 76, 6-14.	1.6	38
49	Tensor decompositions and data fusion in epileptic electroencephalography and functional magnetic resonance imaging data. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2017, 7, e1197.	6.8	37
50	A novel susceptibility locus at 2p24 for generalised epilepsy with febrile seizures plus. <i>Journal of Medical Genetics</i> , 2005, 42, 947-952.	3.2	36
51	Episodic ataxia type 2. <i>Journal of Neurology</i> , 2002, 249, 1515-1519.	3.6	34
52	An in vivo [18F]MK-9470 microPET study of type 1 cannabinoid receptor binding in Wistar rats after chronic administration of valproate and levetiracetam. <i>Neuropharmacology</i> , 2008, 54, 1103-1106.	4.1	34
53	Removing muscle and eye artifacts using blind source separation techniques in ictal EEG source imaging. <i>Clinical Neurophysiology</i> , 2009, 120, 1262-1272.	1.5	34
54	Accurate detection of typical absence seizures in adults and children using a two-channel electroencephalographic wearable behind the ears. <i>Epilepsia</i> , 2021, 62, 2741-2752.	5.1	34

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55	Quantitative MRI of Mesial Temporal Structures in Temporal Lobe Epilepsy. <i>Epilepsia</i> , 1997, 38, 3-12.	5.1	33
56	European Expert Opinion on ANT-DBS therapy for patients with drug-resistant epilepsy (a Delphi) Tj ETQq0 0 0 rgBT/Overlock, 10 Tf 50 7	2.0	33
57	The Relation Between Quantitative MRI Measures of Hippocampal Structure and the Intracarotid Amobarbital Test. <i>Epilepsia</i> , 1997, 38, 998-1007.	5.1	32
58	Correspondence between large-scale ictal and interictal epileptic networks revealed by single photon emission computed tomography (SPECT) and electroencephalography (EEG) functional magnetic resonance imaging (fMRI). <i>Epilepsia</i> , 2015, 56, 382-392.	5.1	32
59	External validation of automated focal cortical dysplasia detection using morphometric analysis. <i>Epilepsia</i> , 2021, 62, 1005-1021.	5.1	31
60	Successful treatment of intractable epilepsy partialis continua with multiple subpial transections. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 1998, 65, 137a-138a.	1.9	30
61	Ring chromosome 20 syndrome: Electroclinical description of six patients and review of the literature. <i>Epilepsy and Behavior</i> , 2012, 23, 409-414.	1.7	28
62	Cognitive Deficits during Status Epilepticus and Time Course of Recovery: A Case Report. <i>Epilepsia</i> , 2007, 48, 1979-1983.	5.1	27
63	PRRT2 mutations: exploring the phenotypical boundaries. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 462-465.	1.9	27
64	Randomized crossover sham-controlled clinical trial of targeted low-frequency transcranial magnetic stimulation comparing a figure-eight and a round coil to treat refractory neocortical epilepsy. <i>Epilepsia</i> , 2016, 57, 141-150.	5.1	27
65	Clinical predictors and differential diagnosis of posterior reversible encephalopathy syndrome. <i>Acta Neurologica Belgica</i> , 2017, 117, 469-475.	1.1	27
66	Personalizing Heart Rate-Based Seizure Detection Using Supervised SVM Transfer Learning. <i>Frontiers in Neurology</i> , 2020, 11, 145.	2.4	27
67	The power of ECG in multimodal patient-specific seizure monitoring: Added value to an EEG-based detector using limited channels. <i>Epilepsia</i> , 2021, 62, 2333-2343.	5.1	27
68	A prospective fMRI-based technique for localising the epileptogenic zone in presurgical evaluation of epilepsy. <i>NeuroImage</i> , 2015, 113, 329-339.	4.2	25
69	Efficacy and safety of levetiracetam in clinical practice: Results of the SKATE trial from Belgium and The Netherlands. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2006, 15, 434-442.	2.0	24
70	Determination of dominant simulated spindle frequency with different methods. <i>Journal of Neuroscience Methods</i> , 2006, 156, 275-283.	2.5	24
71	Feature-based statistical analysis of structural MR data for automatic detection of focal cortical dysplastic lesions. <i>NeuroImage</i> , 2005, 27, 253-266.	4.2	23
72	ICA Extracts Epileptic Sources from fMRI in EEG-Negative Patients: A Retrospective Validation Study. <i>PLoS ONE</i> , 2013, 8, e78796.	2.5	23

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73	A reliable and time-saving semiautomatic spike-template-based analysis of interictal <scp>EEG</scp> â€“f<scp>MRI</scp>. <i>Epilepsia</i> , 2014, 55, 2048-2058.	5.1	22
74	Connectivity in ictal single photon emission computed tomography perfusion: a cortico-cortical evoked potential study. <i>Brain</i> , 2017, 140, 1872-1884.	7.6	22
75	Computationally-Efficient Algorithm for Real-Time Absence Seizure Detection in Wearable Electroencephalography. <i>International Journal of Neural Systems</i> , 2020, 30, 2050035.	5.2	22
76	Long-term seizure outcomes in patients with drug resistant epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2018, 62, 74-78.	2.0	21
77	Modeling common dynamics in multichannel signals with applications to artifact and background removal in EEG recordings. <i>IEEE Transactions on Biomedical Engineering</i> , 2005, 52, 2006-2015.	4.2	20
78	Wearable seizure detection devices in refractory epilepsy. <i>Acta Neurologica Belgica</i> , 2020, 120, 1271-1281.	1.1	20
79	Genome-wide linkage of febrile seizures and epilepsy to the FEB4 locus at 5q14.3-q23.1 and no MASS1 mutation. <i>Human Genetics</i> , 2006, 118, 618-625.	3.8	19
80	The use of generic medication in epilepsy: A review of potential issues and challenges. <i>European Journal of Paediatric Neurology</i> , 2009, 13, 87-92.	1.6	19
81	Single-Unit Recordings Reveal the Selectivity of a Human Face Area. <i>Journal of Neuroscience</i> , 2021, 41, 9340-9349.	3.6	19
82	A new muscle artifact removal technique to improve the interpretation of the ictal scalp electroencephalogram. , 2005, 2006, 944-7.		18
83	Levetiracetam in a broad population of patients with refractory epilepsy: interim results of the international SKATE trial. <i>Acta Neurologica Scandinavica</i> , 2006, 113, 387-394.	2.1	18
84	Duplications of 17q12 can cause familial fever-related epilepsy syndromes. <i>Neurology</i> , 2013, 81, 1434-1440.	1.1	18
85	The effective connectivity of the seizure onset zone and ictal perfusion changes in amygdala kindled rhesus monkeys. <i>NeuroImage: Clinical</i> , 2016, 12, 252-261.	2.7	18
86	The spectrum of epilepsy caused by POLG mutations. <i>Acta Neurologica Belgica</i> , 2016, 116, 17-25.	1.1	17
87	Positron emission tomography imaging of cerebral glucose metabolism and type 1 cannabinoid receptor availability during temporal lobe epileptogenesis in the amygdala kindling model in rhesus monkeys. <i>Epilepsia</i> , 2018, 59, 959-970.	5.1	17
88	Classically conditioned fear responses are preserved following unilateral temporal lobectomy in humans when concurrent US-expectancy ratings are used. <i>Neuropsychologia</i> , 2009, 47, 2496-2503.	1.6	16
89	Sensitivity and Specificity of Interictal EEG-fMRI for Detecting the Ictal Onset Zone at Different Statistical Thresholds. <i>Frontiers in Neurology</i> , 2014, 5, 131.	2.4	16
90	Optimized preoperative motor cortex mapping in brain tumors using advanced processing of transcranial magnetic stimulation data. <i>NeuroImage: Clinical</i> , 2019, 21, 101657.	2.7	16

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91	Outcome after epilepsy surgery at the University Hospitals Leuven 1998â€“2012. <i>Acta Neurologica Belgica</i> , 2016, 116, 271-278.	1.1	15
92	Epilepsy? Video monitoring of long QT syndromeâ€“related aborted sudden death. <i>Heart Rhythm</i> , 2007, 4, 1366-1367.	0.7	14
93	Paroxysmal nonkinesigenic dyskinesias due to recurrent hypoglycemia caused by an insulinoma. <i>Movement Disorders</i> , 2009, 24, 460-461.	3.9	14
94	Fusion of electroencephalography and functional magnetic resonance imaging to explore epileptic network activity. , 2016, , .		14
95	Callosotomy: leg motor connections illustrated by fiber dissection. <i>Brain Structure and Function</i> , 2017, 222, 661-667.	2.3	14
96	Augmenting interictal mapping with neurovascular coupling biomarkers by structured factorization of epileptic EEG and fMRI data. <i>NeuroImage</i> , 2021, 228, 117652.	4.2	14
97	Biophysical mechanisms of electroconvulsive therapy-induced volume expansion in the medial temporal lobe: A longitudinal inÂvivo human imaging study. <i>Brain Stimulation</i> , 2021, 14, 1038-1047.	1.6	14
98	Evaluative conditioning is intact after unilateral resection of the anterior temporal lobe in humans. <i>Neuropsychologia</i> , 2006, 44, 840-843.	1.6	13
99	Ictal perfusion changes associated with seizure progression in the amygdala kindling model in the rhesus monkey. <i>Epilepsia</i> , 2015, 56, 1366-1375.	5.1	13
100	On the optimal z-score threshold for SISCOM analysis to localize the ictal onset zone. <i>EJNMMI Research</i> , 2018, 8, 34.	2.5	13
101	Muscle and eye movement artifact removal prior to EEG source localization. , 2006, 2006, 1002-5.		12
102	The future of seizure detection. <i>Lancet Neurology</i> , The, 2018, 17, 200-202.	10.2	12
103	Added Value of Quantitative Apparent Diffusion Coefficient Values for Neuroprognostication After Cardiac Arrest. <i>Neurology</i> , 2021, 96, e2611-e2618.	1.1	12
104	In vivo amyloid imaging in cortical superficial siderosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2011, 82, 469-471.	1.9	11
105	Homozygous missense mutation in STYXL1 associated with moderate intellectual disability, epilepsy and behavioural complexities. <i>European Journal of Medical Genetics</i> , 2015, 58, 205-210.	1.3	11
106	Posterior Quadrant Disconnection: A Fiber Dissection Study. <i>Operative Neurosurgery</i> , 2018, 14, 45-50.	0.8	11
107	Anterior Temporal Lobectomy Impairs Neural Classification of Body Emotions in Right Superior Temporal Sulcus and Reduces Emotional Enhancement in Distributed Brain Areas without Affecting Behavioral Classification. <i>Journal of Neuroscience</i> , 2018, 38, 9263-9274.	3.6	11
108	Network level characteristics in the emotion recognition network after unilateral temporal lobe surgery. <i>European Journal of Neuroscience</i> , 2020, 52, 3470-3484.	2.6	11

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109	Classification with a Deferral Option and Low-Trust Filtering for Automated Seizure Detection. <i>Sensors</i> , 2021, 21, 1046.	3.8	11
110	Padsevonil randomized Phase IIa trial in treatment-resistant focal epilepsy: a translational approach. <i>Brain Communications</i> , 2020, 2, fcaa183.	3.3	11
111	Early soft and flexible fusion of electroencephalography and functional magnetic resonance imaging via double coupled matrix tensor factorization for multisubject group analysis. <i>Human Brain Mapping</i> , 2022, 43, 1231-1255.	3.6	11
112	Posterior reversible encephalopathy syndrome possibly induced by pemetrexed maintenance therapy for lung cancer: a case report and literature review. <i>Acta Clinica Belgica</i> , 2017, 73, 1-7.	1.2	10
113	Artifact Detection of Wrist Photoplethysmograph Signals. , 2018, , .		10
114	The impact of global hemodynamics, oxygen and carbon dioxide on epileptiform EEG activity in comatose survivors of out-of-hospital cardiac arrest. <i>Resuscitation</i> , 2018, 123, 92-97.	3.0	9
115	Single-cell selectivity and functional architecture of human lateral occipital complex. <i>PLoS Biology</i> , 2019, 17, e3000280.	5.6	9
116	ERBB4 exonic deletions on chromosome 2q34 in patients with intellectual disability or epilepsy. <i>European Journal of Human Genetics</i> , 2021, 29, 1377-1383.	2.8	9
117	Correlation of neuropsychological and metabolic changes after epilepsy surgery in patients with left mesial temporal lobe epilepsy with hippocampal sclerosis. <i>EJNMMI Research</i> , 2018, 8, 31.	2.5	8
118	Detection of inter-hemispheric metabolic asymmetries in FDG-PET images using prior anatomical information. <i>NeuroImage</i> , 2009, 44, 35-42.	4.2	7
119	Automatic annotation correction for wearable EEG based epileptic seizure detection. <i>Journal of Neural Engineering</i> , 2022, 19, 016038.	3.5	7
120	A comparison of the neuropathological effects of vigabatrin and carbamazepine in patients with newly diagnosed localization-related epilepsy using MR-based cerebral T2 relaxation time measurements. <i>Epilepsy Research</i> , 1998, 29, 155-160.	1.6	6
121	Electrocorticography of Spatial Shifting and Attentional Selection in Human Superior Parietal Cortex. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 240.	2.0	6
122	The Epilepsy Surgery Grading Scale: Validation in an independent population with drug-resistant focal epilepsy. <i>Epilepsia</i> , 2019, 60, e78-e82.	5.1	6
123	Normalization of 14-3-3 in CJD. <i>Acta Neurologica Belgica</i> , 2008, 108, 64-6.	1.1	6
124	Facing the hidden wall in mesial extratemporal lobe epilepsy. <i>Epileptic Disorders</i> , 2018, 20, 1-12.	1.3	5
125	Semi-automated EEG Enhancement Improves Localization of Ictal Onset Zone With EEG-Correlated fMRI. <i>Frontiers in Neurology</i> , 2019, 10, 805.	2.4	5
126	Marchiafava's "Bignami Disease". <i>New England Journal of Medicine</i> , 2004, 351, e10.	27.0	4

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127	Automatic affective stimulus processing is intact after unilateral resection of the anterior temporal lobe in humans. <i>Neuropsychologia</i> , 2007, 45, 431-434.	1.6	4
128	Predictive value of metabolic and perfusion changes outside the seizure onset zone for postoperative outcome in patients with refractory focal epilepsy. <i>Acta Neurologica Belgica</i> , 2021, , 1.	1.1	4
129	Brivaracetam Retention Rate and Seizure Outcomes in Patients with Drug-Resistant Focal Epilepsy Included in the Medical Need Program in Belgium: A Real-World, Multicenter, Chart Review. <i>Drugs - Real World Outcomes</i> , 2021, 8, 407-415.	1.6	4
130	Fear conditioning following a unilateral anterior temporal lobectomy: reduced autonomic responding and stimulus contingency knowledge. <i>Acta Neurologica Belgica</i> , 2010, 110, 36-48.	1.1	4
131	Use of excess height and cluster extent in subtraction SPECT. <i>IEEE Transactions on Nuclear Science</i> , 2002, 49, 2332-2337.	2.0	3
132	Infliximab-associated autoimmune limbic encephalitis: a case report. <i>Acta Neurologica Belgica</i> , 2015, 115, 161-163.	1.1	3
133	Automated speech analysis to improve TMS-based language mapping: Algorithm and proof of concept. <i>Brain Stimulation</i> , 2020, 13, 267-269.	1.6	3
134	Stupor in a catatonic patient due to an interaction between high-dose lorazepam and valproic acid: a case report. <i>Acta Neurologica Belgica</i> , 2021, 121, 1077-1078.	1.1	3
135	Automatic selection of epileptic independent fMRI components. , 2014, 2014, 3853-6.		2
136	Stereopsis after anterior temporal lobectomy. <i>Cortex</i> , 2016, 82, 63-71.	2.4	2
137	Development of temporal lobe epilepsy during maintenance electroconvulsive therapy: A case of human kindling?. <i>Epilepsia Open</i> , 2019, 4, 200-205.	2.4	2
138	Automatic Seizure Detection Incorporating Structural Information. <i>Lecture Notes in Computer Science</i> , 2011, , 233-240.	1.3	2
139	Effects of Anatomical Asymmetry in Spatial Priors on Model-Based Segmentation of the Brain MRI: A Validation Study. <i>Lecture Notes in Computer Science</i> , 2004, , 327-334.	1.3	2
140	Removing Artifacts and Background Activity in Multichannel Electroencephalograms by Enhancing Common Activity. , 2005, 2005, 3699-702.		1
141	Can dipole modelling be improved by removing muscular and ocular artifacts from ictal scalp EEG?. , 2007, , .		1
142	SPECT and PET. <i>Medical Radiology</i> , 2013, , 63-71.	0.1	1
143	Response to "Safety of repetitive transcranial magnetic stimulation in patients with epilepsy: A systematic review" by Luisa Santos Pereira and colleagues. <i>Epilepsy and Behavior</i> , 2016, 62, 308.	1.7	1
144	Live Demonstration: SeizelT - A wearable multimodal epileptic seizure detection device. , 2018, , .		1

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145	Interhemispheric metabolic asymmetries in patients with anti-NMDA receptor encephalitis. Acta Neurologica Belgica, 2021, 121, 1385-1387.	1.1	1
146	Medial temporal pathology and global anterograde amnesia during childhood. NeuroImage, 1996, 3, S567.	4.2	0
147	Canonical Decomposition of scalp EEG as preprocessing for source localisation. , 2007, , .		0
148	Author's Reply: Familial Phenotype in Migraine and Epilepsy. Cephalalgia, 2008, 28, 409-409.	3.9	0
149	ICA Component Selection Based on Sparse Activelet Reconstruction for fMRI Analysis in Refractory Focal Epilepsy. , 2012, , .		0
150	Estimation of the maximal heart rate to improve online tonic-clonic seizure detection using ECG. , 2015, , .		0
151	Single Photon Emission Computed Tomography in Epilepsies. , 2010, , 787-794.		0
152	Frontomesial and orbitofrontal epilepsy. Zeitschrift Fur Epileptologie, 2022, 35, 19.	0.7	0
153	Muscle and eye movement artifact removal prior to EEG source localization. Annual International Conference of the IEEE Engineering in Medicine and Biology Society, 2006, , .	0.5	0