

# Martine Gavaret

## List of Publications by Year in descending order

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57  
papers

2,748  
citations

201674

27  
h-index

189892

50  
g-index

59  
all docs

59  
docs citations

59  
times ranked

2614  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evoked and Event-Related Potentials as Biomarkers of Consciousness State and Recovery. <i>Journal of Clinical Neurophysiology</i> , 2022, 39, 22-31.	1.7	14
2	Itâ€™s not what you say, itâ€™s how you say it: A retrospective study of the impact of prosody on own-name P300 in comatose patients. <i>Clinical Neurophysiology</i> , 2022, 135, 154-161.	1.5	3
3	Early Clinical and Electrophysiological Brain Dysfunction Is Associated With ICU Outcomes in COVID-19 Critically Ill Patients With Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2022, Publish Ahead of Print, .	0.9	4
4	SSEP N20 and P25 amplitudes predict poor and good neurologic outcomes after cardiac arrest. <i>Annals of Intensive Care</i> , 2022, 12, 25.	4.6	8
5	Cathodal Transcranial Direct Current Stimulation in Acute Ischemic Stroke: Pilot Randomized Controlled Trial. <i>Stroke</i> , 2021, 52, 1951-1960.	2.0	17
6	Impact of skull-to-brain conductivity ratio for high resolution EEG source localization. <i>Biomedical Physics and Engineering Express</i> , 2021, 7, 055014.	1.2	1
7	King Charles VIII of Franceâ€™s Death: From an Unsubstantiated Traumatic Brain Injury to More Realistic Hypotheses. <i>World Neurosurgery</i> , 2021, 156, 60-67.	1.3	1
8	Respective Contribution of Ictal and Inter-ictal Electrical Source Imaging to Epileptogenic Zone Localization. <i>Brain Topography</i> , 2020, 33, 384-402.	1.8	14
9	Clinical neurophysiology of stroke. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2019, 161, 109-119.	1.8	10
10	Prevalence of benign epileptiform variants during initial EEG examination in French military aircrew. <i>Neurophysiologie Clinique</i> , 2018, 48, 171-179.	2.2	11
11	Design and Methodology of a Pilot Randomized Controlled Trial of Transcranial Direct Current Stimulation in Acute Middle Cerebral Artery Stroke (STICA). <i>Frontiers in Neurology</i> , 2018, 9, 816.	2.4	8
12	Recommendations for the use of electroencephalography and evoked potentials in comatose patients. <i>Neurophysiologie Clinique</i> , 2018, 48, 143-169.	2.2	74
13	Value and mechanisms of EEG reactivity in the prognosis of patients with impaired consciousness: a systematic review. <i>Critical Care</i> , 2018, 22, 184.	5.8	73
14	A reappraisal of pain-paired associative stimulation suggesting motor inhibition at spinal level. <i>Neurophysiologie Clinique</i> , 2018, 48, 295-302.	2.2	2
15	Despiking SEEG signals reveals dynamics of gamma band preictal activity. <i>Physiological Measurement</i> , 2017, 38, N42-N56.	2.1	10
16	Localizing value of electrical source imaging: Frontal lobe, malformations of cortical development and negative MRI related epilepsies are the best candidates. <i>NeuroImage: Clinical</i> , 2017, 16, 319-329.	2.7	40
17	Rapid detection of generalized anxiety disorder and major depression in epilepsy: Validation of the CAD-7 as a complementary tool to the NDDI-E in a French sample. <i>Epilepsy and Behavior</i> , 2016, 57, 211-216.	1.7	140
18	What is the concordance between the seizure onset zone and the irritative zone? A SEEG quantified study. <i>Clinical Neurophysiology</i> , 2016, 127, 1157-1162.	1.5	74

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19	Intraoperative spinal cord monitoring in children under 4 years old. <i>European Spine Journal</i> , 2016, 25, 1847-1854.	2.2	13
20	Occipital and occipital plus epilepsies: A study of involved epileptogenic networks through SEEG quantification. <i>Epilepsy and Behavior</i> , 2016, 62, 104-114.	1.7	37
21	Seizure onset patterns in focal cortical dysplasia and neurodevelopmental tumors: Relationship with surgical prognosis and neuropathologic subtypes. <i>Epilepsia</i> , 2016, 57, 1426-1435.	5.1	111
22	Simultaneous SEEG-MEG-EEG recordings Overcome the SEEG limited spatial sampling. <i>Epilepsy Research</i> , 2016, 128, 68-72.	1.6	25
23	Comparison of Brain Networks During Interictal Oscillations and Spikes on Magnetoencephalography and Intracerebral EEG. <i>Brain Topography</i> , 2016, 29, 752-765.	1.8	20
24	(Mis)use of Prescribed Stimulants in the Medical Student Community. <i>Medicine (United States)</i> , 2016, 95, e3366.	1.0	50
25	Ictal Magnetic Source Imaging in Presurgical Assessment. <i>Brain Topography</i> , 2016, 29, 182-192.	1.8	18
26	Despikifying SEEG signals using a temporal basis set. , 2015, , .		7
27	One step closer to a global tool for rapid screening of major depression in epilepsy: Validation of the French NDDI-E. <i>Epilepsy and Behavior</i> , 2015, 44, 11-16.	1.7	53
28	<sup>18</sup> F-FDG PET in different subtypes of temporal lobe epilepsy: SEEG validation and predictive value. <i>Epilepsia</i> , 2015, 56, 414-421.	5.1	52
29	Magnetic Source Imaging in Posterior Cortex Epilepsies. <i>Brain Topography</i> , 2015, 28, 162-171.	1.8	16
30	Gamma Knife Radiosurgery of Paracentral Epilepsy. <i>Stereotactic and Functional Neurosurgery</i> , 2014, 92, 346-353.	1.5	13
31	Interictal networks in Magnetoencephalography. <i>Human Brain Mapping</i> , 2014, 35, 2789-2805.	3.6	76
32	Fast epileptic discharges associated with ictal negative motor phenomena. <i>Clinical Neurophysiology</i> , 2014, 125, 2344-2348.	1.5	9
33	MEG and EEG Sensitivity in a Case of Medial Occipital Epilepsy. <i>Brain Topography</i> , 2014, 27, 192-196.	1.8	24
34	Beyond the lesion: The epileptogenic networks around cavernous angiomas. <i>Epilepsy Research</i> , 2014, 108, 701-708.	1.6	40
35	Cortical involvement in focal epilepsies with epileptic spasms. <i>Epilepsy Research</i> , 2014, 108, 1572-1580.	1.6	27
36	Frontal lobe seizures: From clinical semiology to localization. <i>Epilepsia</i> , 2014, 55, 264-277.	5.1	194

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37	Electrical source imaging in cortical malformation-related epilepsy: A prospective <sc>EEG</sc> <sc>SEEG</sc> concordance study. <i>Epilepsia</i> , 2014, 55, 918-932.	5.1	69
38	Simultaneous recording of MEC, EEG and intracerebral EEG during visual stimulation: From feasibility to single-trial analysis. <i>NeuroImage</i> , 2014, 99, 548-558.	4.2	49
39	Benign temporo-parieto-occipital junction epilepsy with vestibular disturbance: An underrecognized form of epilepsy?. <i>Epilepsy and Behavior</i> , 2011, 21, 412-416.	1.7	40
40	Intraoperative Monitoring in Pediatric Orthopedic Spinal Surgery. <i>Spine</i> , 2011, 36, 1855-1863.	2.0	23
41	New onset refractory convulsive status epilepticus associated with serum neuropil auto-antibodies in a school aged child. <i>Brain and Development</i> , 2011, 33, 687-691.	1.1	12
42	Neural networks underlying parietal lobe seizures: A quantified study from intracerebral recordings. <i>Epilepsy Research</i> , 2011, 93, 164-176.	1.6	102
43	A comparison of methods for separation of transient and oscillatory signals in EEG. <i>Journal of Neuroscience Methods</i> , 2011, 199, 273-289.	2.5	39
44	From mesial temporal lobe to temporoparietal seizures: A quantified study of temporal lobe seizure networks. <i>Epilepsia</i> , 2010, 51, 2147-2158.	5.1	99
45	Reading epilepsy from the dominant temporo-occipital region. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2010, 81, 710-715.	1.9	19
46	Source localization of ictal epileptic activity investigated by high resolution EEG and validated by SEEG. <i>NeuroImage</i> , 2010, 51, 642-653.	4.2	105
47	Source localization of scalp EEG interictal spikes in posterior cortex epilepsies investigated by HR EEG and SEEG. <i>Epilepsia</i> , 2009, 50, 276-289.	5.1	53
48	Anatomoelectroclinical correlations: the Marseille, France Case Report Case 02 2008: MRI-negative prefrontal epilepsy due to cortical dysplasia explored by stereoelectroencephalography (SEEG). <i>Epileptic Disorders</i> , 2008, 10, 330-338.	1.3	13
49	Stereoelectroencephalography in presurgical assessment of MRI-negative epilepsy. <i>Brain</i> , 2007, 130, 3169-3183.	7.6	238
50	Electric Source Imaging in Frontal Lobe Epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2006, 23, 358-370.	1.7	122
51	Acute alteration of emotional behaviour in epileptic seizures is related to transient desynchrony in emotion-regulation networks. <i>Clinical Neurophysiology</i> , 2005, 116, 2473-2479.	1.5	78
52	Chapter 41 Physiology of frontal lobe seizures: pre-ictal, ictal and inter-ictal relationships. <i>Supplements To Clinical Neurophysiology</i> , 2004, 57, 400-407.	2.1	15
53	Semiologic and Electrophysiologic Correlations in Temporal Lobe Seizure Subtypes. <i>Epilepsia</i> , 2004, 45, 1590-1599.	5.1	259
54	Electric Source Imaging in Temporal Lobe Epilepsy. <i>Journal of Clinical Neurophysiology</i> , 2004, 21, 267-282.	1.7	78

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55	A case of late-onset CADASIL with interhemispheric disconnection features. <i>Journal of Neurology</i> , 2003, 250, 1242-1244.	3.6	8
56	Familial Epilepsy with Unilateral and Bilateral Malformations of Cortical Development. <i>Epilepsia</i> , 1999, 40, 47-51.	5.1	34
57	Absence-epilepsy and Klinefelter syndrome. <i>Journal of Epilepsy</i> , 1997, 10, 12-14.	0.4	4