

Stefano Francione

List of Publications by Year in descending order

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98
papers

5,845
citations

53794
45
h-index

82547
72
g-index

100
all docs

100
docs citations

100
times ranked

4091
citing authors

#	ARTICLE	IF	CITATIONS
1	Focal cortical dysplasia: neuropathological subtypes, EEG, neuroimaging and surgical outcome. <i>Brain</i> , 2002, 125, 1719-1732.	7.6	557
2	Role of the hypothalamic hamartoma in the genesis of gelastic fits (a video-stereo-EEG study). <i>Electroencephalography and Clinical Neurophysiology</i> , 1995, 95, 154-160.	0.3	284
3	Stereoelectroencephalography in the Presurgical Evaluation of Focal Epilepsy: A Retrospective Analysis of 215 Procedures. <i>Neurosurgery</i> , 2005, 57, 706-718.	1.1	279
4	Electroclinical, MRI and neuropathological study of 10 patients with nodular heterotopia, with surgical outcomes. <i>Brain</i> , 2004, 128, 321-337.	7.6	173
5	Stereo-electroencephalography methodology: advantages and limits. <i>Acta Neurologica Scandinavica</i> , 1994, 89, 56-67.	2.1	163
6	Surgical treatment of drug-resistant nocturnal frontal lobe epilepsy. <i>Brain</i> , 2007, 130, 561-573.	7.6	158
7	Epilepsy Surgery in Children: Results and Predictors of Outcome on Seizures. <i>Epilepsia</i> , 2008, 49, 65-72.	5.1	139
8	A neuropathological, stereo-EEG, and MRI study of subcortical band heterotopia. <i>Neurology</i> , 2003, 60, 1834-1838.	1.1	135
9	Stereoelectroencephalography-guided radiofrequency thermocoagulation in the epileptogenic zone: a retrospective study on 89 cases. <i>Journal of Neurosurgery</i> , 2015, 123, 1358-1367.	1.6	122
10	Coupling of minor motor events and epileptiform discharges with arousal fluctuations in NFLE. <i>Epilepsia</i> , 2008, 49, 670-676.	5.1	121
11	Sleep-related hyperkinetic seizures of temporal lobe origin. <i>Neurology</i> , 2004, 62, 482-485.	1.1	119
12	Stereoelectroencephalography: retrospective analysis of 742 procedures in a single centre. <i>Brain</i> , 2019, 142, 2688-2704.	7.6	119
13	Sleep-related Minor Motor Events in Nocturnal Frontal Lobe Epilepsy. <i>Epilepsia</i> , 2007, 48, 335-341.	5.1	116
14	Insular-opercular seizures manifesting with sleep-related paroxysmal motor behaviors: A stereo-EEG study. <i>Epilepsia</i> , 2011, 52, 1781-1791.	5.1	112
15	Electroclinical, MRI and surgical outcomes in 100 epileptic patients with type II FCD. <i>Epileptic Disorders</i> , 2012, 14, 257-266.	1.3	110
16	Neuroethological approach to frontolimbic epileptic seizures and parasomnias: The same central pattern generators for the same behaviours. <i>Revue Neurologique</i> , 2009, 165, 762-768.	1.5	106
17	Mirth and laughter elicited by electrical stimulation of the human anterior cingulate cortex. <i>Cortex</i> , 2015, 71, 323-331.	2.4	96
18	Biomarkers of epileptogenic zone defined by quantified stereo-EEG analysis. <i>Epilepsia</i> , 2014, 55, 296-305.	5.1	94

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19	Probabilistic functional tractography of the human cortex revisited. <i>NeuroImage</i> , 2018, 181, 414-429.	4.2	94
20	Current use of imaging and electromagnetic source localization procedures in epilepsy surgery centers across Europe. <i>Epilepsia</i> , 2016, 57, 770-776.	5.1	89
21	Features of somatosensory manifestations induced by intracranial electrical stimulations of the human insula. <i>Clinical Neurophysiology</i> , 2011, 122, 2049-2058.	1.5	84
22	Stereo-EEG: Diagnostic and therapeutic tool for periventricular nodular heterotopia epilepsies. <i>Epilepsia</i> , 2017, 58, 1962-1971.	5.1	79
23	Stereoelectroencephalography in the presurgical evaluation of focal epilepsy: a retrospective analysis of 215 procedures. <i>Neurosurgery</i> , 2005, 57, 706-18; discussion 706-18.	1.1	79
24	Stereo-EEG-guided radio-frequency thermocoagulations of epileptogenic grey-matter nodular heterotopy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014, 85, 611-617.	1.9	76
25	Stereoelectroencephalography in the presurgical evaluation of focal epilepsy in infancy and early childhood. <i>Journal of Neurosurgery: Pediatrics</i> , 2012, 9, 290-300.	1.3	71
26	Current standards of neuropsychological assessment in epilepsy surgery centers across Europe. <i>Epilepsia</i> , 2017, 58, 343-355.	5.1	69
27	Taylor's focal cortical dysplasia increases the risk of sleep-related epilepsy. <i>Epilepsia</i> , 2009, 50, 2599-2604.	5.1	68
28	Current practices in long-term video-EEG monitoring services: A survey among partners of the E-PILEPSY pilot network of reference for refractory epilepsy and epilepsy surgery. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2016, 38, 38-45.	2.0	67
29	Stereo-EEG of interictal and ictal electrical activity of a histologically proved heterotopic gray matter associated with partial epilepsy. <i>Electroencephalography and Clinical Neurophysiology</i> , 1994, 90, 284-290.	0.3	64
30	Multimodal responses induced by cortical stimulation of the parietal lobe: a stereo-electroencephalography study. <i>Brain</i> , 2015, 138, 2596-2607.	7.6	64
31	Multi-trajectories automatic planner for StereoElectroEncephaloGraphy (SEEG). <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2014, 9, 1087-1097.	2.8	63
32	Sleep in the Human Hippocampus: A Stereo-EEG Study. <i>PLoS ONE</i> , 2007, 2, e867.	2.5	60
33	Identification of reproducible ictal patterns based on quantified frequency analysis of intracranial EEG signals. <i>Epilepsia</i> , 2011, 52, 477-488.	5.1	58
34	Localization of Epileptogenic Zone on Pre-surgical Intracranial EEG Recordings: Toward a Validation of Quantitative Signal Analysis Approaches. <i>Brain Topography</i> , 2015, 28, 832-837.	1.8	58
35	Sleep-related hyperkinetic seizures: always a frontal onset?. <i>Neurological Sciences</i> , 2005, 26, s220-s224.	1.9	56
36	Surgery for drug resistant partial epilepsy in children with focal cortical dysplasia: anatomical-clinical correlations and neurophysiological data in 10 patients. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2003, 74, 1493-1501.	1.9	55

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37	Regional Cerebral Blood Flow and Cerebrovascular Reactivity in IDDM. Diabetes Care, 1993, 16, 462-468.	8.6	52
38	Negative myoclonus induced by cortical electrical stimulation in epileptic patients. Brain, 2006, 129, 65-81.	7.6	52
39	Slow EEG rhythms and inter-hemispheric synchronization across sleep and wakefulness in the human hippocampus. NeuroImage, 2012, 60, 497-504.	4.2	52
40	Temporal Lobe Epilepsy in Children: Electroclinical Study of 77 Cases. Epilepsia, 2006, 47, 26-30.	5.1	51
41	Individually tailored extratemporal epilepsy surgery in children: Anatomico-electro-clinical features and outcome predictors in a population of 53 cases. Epilepsy and Behavior, 2012, 25, 68-80.	1.7	50
42	Stereo-electroencephalography in the Presurgical Evaluation of Focal Epilepsy: A Retrospective Analysis of 215 Procedures. Neurosurgery, 2005, 57, 706-718.	1.1	50
43	Clinical features of sleep-related hypermotor epilepsy in relation to the seizure-onset zone: A review of 135 surgically treated cases. Epilepsia, 2019, 60, 707-717.	5.1	48
44	Paediatric epilepsy surgery in the posterior cortex: a study of 62 cases. Epileptic Disorders, 2014, 16, 141-173.	1.3	47
45	Nocturnal frontal lobe epilepsy: intracerebral recordings of paroxysmal motor attacks with increasing complexity. Sleep, 2003, 26, 883-6.	1.1	45
46	Epileptic motor behaviors during sleep: Anatomico-electro-clinical features. Sleep Medicine, 2011, 12, S33-S38.	1.6	44
47	Stimulus-evoked potentials contribute to map the epileptogenic zone during stereo-EEG presurgical monitoring. Human Brain Mapping, 2014, 35, 4267-4281.	3.6	44
48	Ambiguous emotion recognition in temporal lobe epilepsy: The role of expression intensity. Cognitive, Affective and Behavioral Neuroscience, 2013, 13, 452-463.	2.0	42
49	Risk factors for postoperative depression in 150 subjects treated for drug-resistant focal epilepsy. Epidemiology and Psychiatric Sciences, 2011, 20, 99-105.	3.9	40
50	Procedural learning and sleep hippocampal low frequencies in humans. NeuroImage, 2008, 42, 911-918.	4.2	39
51	Regional cerebral blood flow in chronic stroke patients.. Stroke, 1993, 24, 94-99.	2.0	37
52	Hot water epilepsy and focal malformation of the parietal cortex development. Brain and Development, 2004, 26, 490-493.	1.1	37
53	Stereo-EEG ictal/interictal patterns and underlying pathologies. Seizure: the Journal of the British Epilepsy Association, 2019, 72, 54-60.	2.0	37
54	A brain atlas of axonal and synaptic delays based on modelling of cortico-cortical evoked potentials. Brain, 2022, 145, 1653-1667.	7.6	34

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55	Epileptic nocturnal wanderings with a temporal lobe origin: a stereo-electroencephalographic study. <i>Sleep</i> , 2002, 25, 669-71.	1.1	34
56	Double-blind stereo-EEG and FDG PET study in severe partial epilepsies: Are the electric and metabolic findings related?. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 1996, 23, 1498-1507.	2.1	32
57	Epilepsy surgery in children: Evaluation of seizure outcome and predictive elements. <i>Epilepsia</i> , 2013, 54, 70-76.	5.1	32
58	Seizure duration and latency of hypermotor manifestations distinguish frontal from extrafrontal onset in sleep-related hypermotor epilepsy. <i>Epilepsia</i> , 2018, 59, e130-e134.	5.1	30
59	Focal lesions induce large-scale percolation of sleep-like intracerebral activity in awake humans. <i>NeuroImage</i> , 2021, 234, 117964.	4.2	30
60	Prognostic significance of quantitative electroencephalography in Alzheimer patients: preliminary observations. <i>Electroencephalography and Clinical Neurophysiology</i> , 1996, 99, 123-128.	0.3	29
61	Intracerebral recordings of minor motor events, paroxysmal arousals and major seizures in nocturnal frontal lobe epilepsy. <i>Neurological Sciences</i> , 2005, 26, s215-s219.	1.9	28
62	Ictal headache: Headache as first ictal symptom in focal epilepsy. <i>Epilepsy and Behavior</i> , 2011, 22, 790-792.	1.7	27
63	Presurgical strategies and epilepsy surgery in children: comparison of literature and personal experiences. <i>Child's Nervous System</i> , 1999, 15, 149-157.	1.1	26
64	Surgery for temporal lobe epilepsy in children: relevance of presurgical evaluation and analysis of outcome. <i>Journal of Neurosurgery: Pediatrics</i> , 2013, 11, 256-267.	1.3	26
65	Critique of the 2017 epileptic seizure and epilepsy classifications. <i>Epilepsia</i> , 2019, 60, 1032-1039.	5.1	26
66	Association of temporal lobe epilepsy and obsessive-compulsive disorder in a patient successfully treated with right temporal lobectomy. <i>Epilepsy and Behavior</i> , 2005, 6, 617-619.	1.7	25
67	Drug-resistant parietal epilepsy: polymorphic ictal semiology does not preclude good post-surgical outcome. <i>Epileptic Disorders</i> , 2015, 17, 32-46.	1.3	25
68	Unilobar surgery for symptomatic epileptic spasms. <i>Annals of Clinical and Translational Neurology</i> , 2017, 4, 36-45.	3.7	25
69	Drug-resistant focal sleep related epilepsy: Results and predictors of surgical outcome. <i>Epilepsy Research</i> , 2014, 108, 953-962.	1.6	24
70	Simultaneous enhancement of excitation and postburst inhibition at the end of focal seizures. <i>Annals of Neurology</i> , 2014, 76, 826-836.	5.3	23
71	Increased discharge threshold after an interictal spike in human focal epilepsy. <i>European Journal of Neuroscience</i> , 2005, 22, 2971-2976.	2.6	22
72	Surgical treatment of polymicrogyria-related epilepsy. <i>Epilepsia</i> , 2016, 57, 2001-2010.	5.1	22

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73	Electrical stimulation for seizure induction during SEEG exploration: a useful predictor of postoperative seizure recurrence?. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 22-26.	1.9	21
74	Intracerebral Low Frequency Electrical Stimulation: a New Tool for the Definition of the "Epileptogenic Area". , 1993, 58, 181-185.		21
75	Classification of paroxysmal events and the four-dimensional epilepsy classification system. Epileptic Disorders, 2019, 21, 1-29.	1.3	20
76	Ictal EEG modifications in temporal lobe epilepsy. Epileptic Disorders, 2013, 15, 392-399.	1.3	17
77	Nocturnal Frontal Lobe Epilepsy: Intracerebral Recordings of Paroxysmal Motor Attacks with Increasing Complexity. Sleep, 2003, , .	1.1	16
78	Epilepsy surgery in the posterior part of the brain. Epilepsy and Behavior, 2016, 64, 273-282.	1.7	16
79	Declarative long-term memory and the mesial temporal lobe: Insights from a 5-year postsurgery follow-up study on refractory temporal lobe epilepsy. Epilepsy and Behavior, 2016, 64, 102-109.	1.7	14
80	Regional cerebral blood flow asymmetries in a group of 189 normal subjects at rest. Brain Topography, 1991, 4, 57-63.	1.8	13
81	Association Between Semiology and Anatomic-functional Localization in Patients With Cingulate Epilepsy. Neurology, 2022, 98, .	1.1	13
82	SURface-PROjected FLuid-Attenuation-Inversion-Recovery Analysis: A Novel Tool for Advanced Imaging of Epilepsy. World Neurosurgery, 2017, 98, 715-726.e1.	1.3	12
83	Temporal lobe epilepsy: A never-ending story. Epilepsy and Behavior, 2021, 122, 108122.	1.7	11
84	Intracerebral electrical stimulations of the temporal lobe: A stereoelectroencephalography study. European Journal of Neuroscience, 2021, 54, 5368-5383.	2.6	10
85	Seizure-related automatic locomotion triggered by intracerebral electrical stimulation. Epileptic Disorders, 2008, 10, 247-252.	1.3	10
86	Symptomatic and presumed symptomatic focal epilepsies in childhood: An observational, prospective multicentre study. Epilepsia, 2016, 57, 1808-1816.	5.1	9
87	Clinical Ictal Symptomatology and Anatomical Lesions: Their Relationships in Severe Partial Epilepsy. Epilepsia, 2000, 41, S18-36.	5.1	8
88	Intra-lesional stereo-EEG activity in Taylor 's focal cortical dysplasia. Epileptic Disorders, 2003, 5 Suppl 2, S105-14.	1.3	8
89	Fast Activity Evoked by Intracranial 50 Hz Electrical Stimulation as a Marker of the Epileptogenic Zone. International Journal of Neural Systems, 2015, 25, 1550022.	5.2	5
90	Investigating visuo-spatial neglect and visual extinction during intracranial electrical stimulations: The role of the right inferior parietal cortex. Neuropsychologia, 2021, 162, 108049.	1.6	4

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91	Fluency tasks generate beta-gamma activity in language-related cortical areas of patients during stereo-EEG monitoring. <i>Brain and Language</i> , 2016, 163, 50-56.	1.6	3
92	Reply: The dorsal cingulate cortex as a critical gateway in the network supporting conscious awareness. <i>Brain</i> , 2016, 139, e24-e24.	7.6	2
93	Correlates of contralateral hypoperfusion in chronic stroke patients. <i>Neurological Research</i> , 1992, 14, 125-126.	1.3	1
94	Neuropsychological study during video-EEG recording of successive partial seizures of right temporo-central origin. <i>Italian Journal of Neurological Sciences</i> , 1997, 18, 209-214.	0.1	1
95	Primary dysautonomia: cerebral blood flow and hemodynamic findings. Case report.. <i>Italian Journal of Neurological Sciences</i> , 1990, 11, 281-288.	0.1	0
96	Hemorheological and cerebral blood flow changes induced by LDL-apheresis in familial hypercholesterolemic patients. <i>Clinical Hemorheology and Microcirculation</i> , 1991, 11, 9-18.	1.7	0
97	Letter to the Editor. No need to change the nomenclature of stereoelectroencephalography. <i>Journal of Neurosurgery: Pediatrics</i> , 2021, 28, 115-116.	1.3	0
98	Predictors of hyperkinetic seizures. <i>Epilepsy and Behavior</i> , 2022, 129, 108629.	1.7	0