Giancarlo C Di Gennaro

List of Publications by Year in descending order

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133 papers 2,854 citations

30 h-index 233125 45 g-index

138 all docs

138 docs citations

138 times ranked 3949 citing authors

#	Article	IF	CITATIONS
1	Seizure outcome and use of antiepileptic drugs after epilepsy surgery according to histopathological diagnosis: a retrospective multicentre cohort study. Lancet Neurology, The, 2020, 19, 748-757.	4.9	177
2	Alpha, beta and gamma electrocorticographic rhythms in somatosensory, motor, premotor and prefrontal cortical areas differ in movement execution and observation in humans. Clinical Neurophysiology, 2016, 127, 641-654.	0.7	119
3	Epilepsy Care in the Time of COVID-19 Pandemic in Italy: Risk Factors for Seizure Worsening. Frontiers in Neurology, 2020, 11, 737.	1.1	107
4	Ictal heart rate increase precedes EEG discharge in drug-resistant mesial temporal lobe seizures. Clinical Neurophysiology, 2004, 115, 1169-1177.	0.7	78
5	Stop-event-related potentials from intracranial electrodes reveal a key role of premotor and motor cortices in stopping ongoing movements. Frontiers in Neuroengineering, 2012, 5, 12.	4.8	70
6	Perampanel in routine clinical use across Europe: Pooled, multicenter, observational data. Epilepsia, 2018, 59, 1727-1739.	2.6	67
7	BDNF modulates GABAA receptors microtransplanted from the human epileptic brain to Xenopus oocytes. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 1667-1672.	3.3	64
8	Localizing significance of temporal intermittent rhythmic delta activity (TIRDA) in drug-resistant focal epilepsy. Clinical Neurophysiology, 2003, 114, 70-78.	0.7	61
9	Tissue plasminogen activator and urokinase plasminogen activator in human epileptogenic pathologies. Neuroscience, 2010, 167, 929-945.	1.1	61
10	Rundown of GABA type A receptors is a dysfunction associated with human drug-resistant mesial temporal lobe epilepsy. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 15219-15223.	3.3	60
11	Whole-brain voxel-based morphometry study of children and adolescents with Down syndrome. Functional Neurology, 2013, 28, 19-28.	1.3	58
12	Hippocampal, amygdala, and neocortical synchronization of theta rhythms is related to an immediate recall during rey auditory verbal learning test. Human Brain Mapping, 2009, 30, 2077-2089.	1.9	56
13	The Antiepileptic Drug Levetiracetam Stabilizes the Human Epileptic GABAAReceptors upon Repetitive Activation. Epilepsia, 2007, 48, 1842-1849.	2.6	55
14	Changes in depression, anxiety, anger, and personality after resective surgery for drug-resistant temporal lobe epilepsy: A 2-year follow-up study. Epilepsy Research, 2007, 77, 22-30.	0.8	54
15	Seizure clusters and adverse events during pre-surgical video-EEG monitoring with a slow anti-epileptic drug (AED) taper. Clinical Neurophysiology, 2012, 123, 486-488.	0.7	54
16	Hypertension, seizures, and epilepsy: a review on pathophysiology and management. Neurological Sciences, 2019, 40, 1775-1783.	0.9	51
17	Phosphatase inhibitors remove the run-down of Â-aminobutyric acid type A receptors in the human epileptic brain. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 10183-10188.	3.3	50
18	Frontal Functional Connectivity of Electrocorticographic Delta and Theta Rhythms during Action Execution Versus Action Observation in Humans. Frontiers in Behavioral Neuroscience, 2017, 11, 20.	1.0	47

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19	Factors associated with generic and disease-specific quality of life in temporal lobe epilepsy. Epilepsy Research, 2006, 69, 135-146.	0.8	45
20	Trends in pediatric epilepsy surgery in Europe between 2008 and 2015: Countryâ€, centerâ€, and ageâ€specific variation. Epilepsia, 2020, 61, 216-227.	2.6	44
21	Epilepsy and polymicrogyria in Kabuki make-up (Niikawa-Kuroki) syndrome. Pediatric Neurology, 1999, 21, 566-568.	1.0	41
22	Adenosine receptor antagonists alter the stability of human epileptic GABA _A receptors. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 15118-15123.	3.3	41
23	Epilepsy surgery of "low grade epilepsy associated neuroepithelial tumors― A retrospective nationwide Italian study. Epilepsia, 2017, 58, 1832-1841.	2.6	41
24	Expression of human epileptic temporal lobe neurotransmitter receptors in Xenopus oocytes: An innovative approach to study epilepsy. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 15078-15083.	3.3	40
25	Temporal lobe epilepsy surgery: different surgical strategies after a non-invasive diagnostic protocol. Journal of Neurology, Neurosurgery and Psychiatry, 2005, 76, 815-824.	0.9	40
26	Doing without valproate in women of childbearing potential with idiopathic generalized epilepsy: Implications on seizure outcome. Epilepsia, 2020, 61, 107-114.	2.6	40
27	Compulsive Masturbation in Infantile Autism Treated by Mirtazapine. Pediatric Neurology, 2006, 34, 417-418.	1.0	38
28	Night terrors associated with thalamic lesion. Clinical Neurophysiology, 2004, 115, 2489-2492.	0.7	34
29	Temporal lobe epilepsy surgery in children and adults: A multicenter study. Epilepsia, 2021, 62, 128-142.	2.6	33
30	A rapid and reliable procedure to localize subdural electrodes in presurgical evaluation of patients with drug-resistant focal epilepsy. Clinical Neurophysiology, 2006, 117, 341-347.	0.7	32
31	HCN ion channels and accessory proteins in epilepsy: genetic analysis of a large cohort of patients and review of the literature. Epilepsy Research, 2019, 153, 49-58.	0.8	32
32	Postoperative EEG and seizure outcome in temporal lobe epilepsy surgery. Clinical Neurophysiology, 2004, 115, 1212-1219.	0.7	31
33	Hsp60 response in experimental and human temporal lobe epilepsy. Scientific Reports, 2015, 5, 9434.	1.6	30
34	Molecular and clinical examination of an Italian DEFECT 11 family. European Journal of Human Genetics, 1999, 7, 579-584.	1.4	27
35	Increasing volume and complexity of pediatric epilepsy surgery with stable seizure outcome between 2008 and 2014: A nationwide multicenter study. Epilepsy and Behavior, 2017, 75, 151-157.	0.9	27
36	Severe amnesia following bilateral medial temporal lobe damage occurring on two distinct occasions. Neurological Sciences, 2006, 27, 129-133.	0.9	26

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37	Blockage of A _{2A} and A ₃ adenosine receptors decreases the desensitization of human GABA _A receptors microtransplanted to <i>Xenopus </i> oocytes. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 15927-15931.	3.3	26
38	Attachment and Parenting in Adult Patients with Anxiety Disorders. Clinical Practice and Epidemiology in Mental Health, 2013, 9, 157-163.	0.6	26
39	Quantitative evaluation for brain CT/MRI coregistration based on maximization of mutual information in patients with focal epilepsy investigated with subdural electrodes. Magnetic Resonance Imaging, 2007, 25, 883-888.	1.0	25
40	Memory outcome 2 years after anterior temporal lobectomy in patients with drug-resistant epilepsy. Seizure: the Journal of the British Epilepsy Association, 2009, 18, 139-144.	0.9	24
41	Scalp electrode placement by EC2 \hat{A}^{\otimes} adhesive paste in long-term video-EEG monitoring. Clinical Neurophysiology, 2005, 116, 1771-1773.	0.7	23
42	Drug-resistant temporal lobe epilepsy due to cavernous malformations. Neurosurgical Focus, 2006, 21, 1-5.	1.0	23
43	Lateralizing value of memory tests in drug-resistant temporal lobe epilepsy. European Journal of Neurology, 2006, 13, 371-376.	1.7	22
44	Genital and sexual manifestations in drug-resistant partial epilepsy. Seizure: the Journal of the British Epilepsy Association, 2005, 14, 133-138.	0.9	20
45	Factors underlying the development of chronic temporal lobe epilepsy in autoimmune encephalitis. Journal of the Neurological Sciences, 2019, 396, 102-107.	0.3	20
46	Clinical utility of home videos for diagnosing epileptic seizures: a systematic review and practical recommendations for optimal and safe recording. Neurological Sciences, 2021, 42, 1301-1309.	0.9	20
47	Childhood absence epilepsy and benign epilepsy with centro-temporal spikes: a narrative review analysis. World Journal of Pediatrics, 2017, 13, 106-111.	0.8	19
48	Coexistence of childhood absence epilepsy and benign epilepsy with centrotemporal spikes: A case series. European Journal of Paediatric Neurology, 2017, 21, 570-575.	0.7	19
49	mtDNA A3243G MELAS mutation is not associated with multigenerational female migraine. Neurology, 2000, 54, 1005-1007.	1.5	18
50	Rufinamide for the treatment of refractory epilepsy secondary to neuronal migration disorders. Epilepsy Research, 2014, 108, 542-546.	0.8	18
51	Seizures in autoimmune encephalitis: Findings from an EEG pooled analysis. Seizure: the Journal of the British Epilepsy Association, 2020, 83, 160-168.	0.9	18
52	The efficacy of perampanel as adjunctive therapy in drug-resistant focal epilepsy in a "real world― context: focus on temporal lobe epilepsy. Journal of the Neurological Sciences, 2020, 415, 116903.	0.3	18
53	The surgical treatment of epilepsy. Neurological Sciences, 2021, 42, 2249-2260.	0.9	18
54	Assessing the Relative Incidence of Mitochondrial DNA A3243G in Migraine Without Aura With Maternal Inheritance. Headache, 2000, 40, 568-571.	1.8	17

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55	Atypical Lennox–Gastaut syndrome successfully treated with removal of a parietal dysembryoplastic tumour. Seizure: the Journal of the British Epilepsy Association, 2002, 11, 325-329.	0.9	17
56	Perampanel Improves Cortical Myoclonus and Disability in Progressive Myoclonic Epilepsies: A Case Series and a Systematic Review of the Literature. Frontiers in Neurology, 2021, 12, 630366.	1.1	17
57	The affective value of faces in patients achieving long-term seizure freedom after temporal lobectomy. Epilepsy and Behavior, 2014, 36, 97-101.	0.9	16
58	Severe and rapidly-progressive Lafora disease associated with <i>NHLRC1</i> International Journal of Neuroscience, 2017, 127, 1150-1153.	0.8	16
59	Electroclinical Features and Long-term Seizure Outcome in Patients With Eyelid Myoclonia With Absences. Neurology, 2022, 98, .	1.5	15
60	Movement-Induced Seizures: A Case Report. Epilepsia, 1997, 38, 941-944.	2.6	14
61	Surgery after intracranial investigation with subdural electrodes in patients with drug-resistant focal epilepsy: outcome and complications. Neurosurgical Review, 2012, 35, 519-526.	1.2	14
62	Temporal pole abnormalities in temporal lobe epilepsy with hippocampal sclerosis: Clinical significance and seizure outcome after surgery. Seizure: the Journal of the British Epilepsy Association, 2015, 32, 84-91.	0.9	14
63	CD34 Expression in Low-Grade Epilepsy-Associated Tumors: Relationships with Clinicopathologic Features. World Neurosurgery, 2019, 121, e761-e768.	0.7	14
64	Clinical dissection of childhood occipital epilepsy of Gastaut and prognostic implication. European Journal of Neurology, 2016, 23, 241-246.	1.7	13
65	Valproate impact and sex-dependent seizure remission in patients with idiopathic generalized epilepsy. Journal of the Neurological Sciences, 2020, 415, 116940.	0.3	13
66	Cardiac asystole during right frontal lobe seizures: a case report. Neurological Sciences, 2005, 26, 340-343.	0.9	12
67	Zonisamide in the management of epilepsy in the elderly. Clinical Interventions in Aging, 2015, 10, 931.	1.3	12
68	Lacosamide in patients with temporal lobe epilepsy: An observational multicentric open-label study. Epilepsy and Behavior, 2016, 58, 111-114.	0.9	12
69	Facial emotion decoding in patients with Parkinson's disease. International Journal of Neuroscience, 2018, 128, 71-78.	0.8	12
70	Prognostic significance of acute postoperative seizures in extra-temporal lobe epilepsy surgery. Clinical Neurophysiology, 2013, 124, 1536-1540.	0.7	11
71	Antidepressant effect of vagal nerve stimulation in epilepsy patients: a systematic review. Neurological Sciences, 2020, 41, 3075-3084.	0.9	11
72	Italian cohort of Lafora disease: Clinical features, disease evolution, and genotype-phenotype correlations. Journal of the Neurological Sciences, 2021, 424, 117409.	0.3	11

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73	Deep brain stimulation for intractabile epilepsy. Journal of Neurosurgical Sciences, 2016, 60, 189-98.	0.3	11
74	Partial Seizures due to Sclerosis of the Right Amygdala Presenting as Panic Disorder. Psychopathology, 2007, 40, 178-183.	1.1	10
75	Acute postoperative seizures and long-term seizure outcome after surgery for hippocampal sclerosis. Seizure: the Journal of the British Epilepsy Association, 2015, 24, 59-62.	0.9	10
76	Effects of eslicarbazepine as add-on therapy on sleep architecture in temporal lobe epilepsy: results from "Esleep―study. Sleep Medicine, 2020, 75, 287-293.	0.8	10
77	Extrarolandic electroclinical findings in the evolution of adult-onset Rasmussen's encephalitis. Epilepsy and Behavior, 2013, 28, 467-473.	0.9	9
78	Serial postoperative awake and sleep EEG and long-term seizure outcome after anterior temporal lobectomy for hippocampal sclerosis. Epilepsy Research, 2014, 108, 945-952.	0.8	9
79	Subacute cerebellar ataxia as presenting symptom of systemic lupus erythematosus. European Review for Medical and Pharmacological Sciences, 2018, 22, 7401-7403.	0.5	9
80	Normative data for measuring performance change on parallel forms of a 15-word list recall test. Neurological Sciences, 2014, 35, 663-8.	0.9	8
81	Ictal Asystole in Drug-Resistant Focal Epilepsy: Two Decades of Experience from an Epilepsy Monitoring Unit. Brain Sciences, 2020, 10, 443.	1.1	8
82	ATP-evoked intracellular Ca2+ transients shape the ionic permeability of human microglia from epileptic temporal cortex. Journal of Neuroinflammation, 2021, 18, 44.	3.1	8
83	Lateral versus vertical hemispheric disconnection for epilepsy: a systematic review and meta-analysis. Journal of Neurosurgery, 2022, 136, 1627-1637.	0.9	8
84	Can nocturnal groaning be suspected by cardiorespiratory polygraphy?. Sleep Medicine, 2014, 15, 1002-1004.	0.8	7
85	Topiramate-induced periodic limb movement disorder in a patient affected by focal epilepsy. Epilepsy & Behavior Case Reports, 2014, 2, 121-123.	1.5	7
86	Temporal pole abnormalities detected by 3 T MRI in temporal lobe epilepsy due to hippocampal sclerosis: No influence on seizure outcome after surgery. Seizure: the Journal of the British Epilepsy Association, 2017, 48, 74-78.	0.9	7
87	Movement disorders phenomenology in focal motor seizures. Parkinsonism and Related Disorders, 2019, 61, 161-165.	1.1	7
88	Long-term seizure outcome in frontal lobe epilepsy surgery. Epilepsy and Behavior, 2019, 90, 93-98.	0.9	7
89	Erythropoietin Increases GABAA Currents in Human Cortex from TLE Patients. Neuroscience, 2020, 439, 153-162.	1.1	7
90	Focal Cortical Dysplasia IIIa in Hippocampal Sclerosis-Associated Epilepsy: Anatomo-Electro-Clinical Profile and Surgical Results From a Multicentric Retrospective Study. Neurosurgery, 2021, 88, 384-393.	0.6	7

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91	Health Technology Assessment Report on Vagus Nerve Stimulation in Drug-Resistant Epilepsy. International Journal of Environmental Research and Public Health, 2020, 17, 6150.	1.2	7
92	Predictive factors of Status Epilepticus and its recurrence in patients with adult–onset seizures: A multicenter, long follow–up cohort study. Seizure: the Journal of the British Epilepsy Association, 2021, 91, 397-401.	0.9	7
93	Hemodynamic response (BOLD/fMRI) in focal epilepsy with reference to benzodiazepine effect. Magnetic Resonance Imaging, 2004, 22, 1487-1492.	1.0	6
94	Oral dyskinesia induced by fluoxetine therapy for infantile autism. Pediatric Neurology, 2004, 31, 76.	1.0	6
95	Prognostic significance of serial postoperative EEG in extratemporal lobe epilepsy surgery. Clinical Neurophysiology, 2012, 123, 2346-2351.	0.7	6
96	Lacosamide as first add-on or conversion monotherapy: A retrospective real-life study. Epilepsy and Behavior, 2021, 122, 108128.	0.9	6
97	Attachment in Patients with Bipolar and Unipolar Depression: A Comparison with Clinical and Non-clinical Controls. Clinical Practice and Epidemiology in Mental Health, 2019, 15, 143-152.	0.6	6
98	Multiple spinal meningiomas after tamoxifen therapy: a case report. Neurological Sciences, 2003, 24, 37-39.	0.9	5
99	Temporo-occipital spikes: Are they so typical for Kabuki syndrome?. Pediatric Neurology, 2004, 31, 379.	1.0	5
100	Measurement Invariance of the Experiences in Close Relationships Questionnaire across Different Populations. Spanish Journal of Psychology, 2014, 17, E22.	1.1	5
101	Vagal Nerve Stimulation for Drug-Resistant Epilepsy: Adverse Events and Outcome in a Series of Patients with Long-Term Follow-Up. Acta Neurochirurgica Supplementum, 2017, 124, 49-52.	0.5	5
102	Efficient automated localization of ECoG electrodes in CT images via shape analysis. International Journal of Computer Assisted Radiology and Surgery, 2021, 16, 543-554.	1.7	5
103	Editorial - High dose intravenous immunoglobulins as a therapeutic option for COVID-19 patients. European Review for Medical and Pharmacological Sciences, 2020, 24, 5178-5179.	0.5	5
104	Electro-oculographic findings in an unusual case of paramyotonia congenita., 1999, 22, 1157-1158.		4
105	Hypoglycaemia induced by phenytoin treatment for partial status epilepticus. Journal of Neurology, Neurosurgery and Psychiatry, 2002, 73, 349-350.	0.9	4
106	A case of a rare association of spastic paraplegia and type III syndactyly. European Journal of Neurology, 2002, 9, 105-107.	1.7	4
107	Activity of hippocampal, amygdala, and neocortex during the Rey auditory verbal learning test: An event-related potential study in epileptic patients. Clinical Neurophysiology, 2010, 121, 1351-1357.	0.7	4
108	Psychogenic nonepileptic seizures mimicking gelastic seizures: A description of two cases. Epilepsy & Behavior Case Reports, 2015, 4, 67-69.	1.5	4

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109	Epilepsy surgery in adult-onset Rasmussen's encephalitis: case series and review of the literature. Neurosurgical Review, 2015, 38, 463-471.	1.2	4
110	Amelioration of Untreated Restless Legs Syndrome by Tadalafil in a Patient With Erectile Dysfunction. Clinical Neuropharmacology, 2015, 38, 62.	0.2	4
111	Modulation of GABAergic dysfunction due to SCN1A mutation linked to Hippocampal Sclerosis. Annals of Clinical and Translational Neurology, 2020, 7, 1726-1731.	1.7	4
112	Knowledge and attitudes of neurologists toward epilepsy surgery: an Italian survey. Neurological Sciences, 2022, 43, 4453-4461.	0.9	4
113	Brivaracetam as add-on treatment in patients with post-stroke epilepsy: real-world data from the BRIVAracetam add-on First Italian netwoRk Study (BRIVAFIRST). Seizure: the Journal of the British Epilepsy Association, 2022, 97, 37-42.	0.9	4
114	Electrical status epilepticus "invisible―to surface EEG in lateâ€onset Rasmussen encephalitis. Epileptic Disorders, 2008, 10, 219-222.	0.7	4
115	Ocular phenotype and electroretinogram abnormalities in Lafora disease and correlation with disease stage. Journal of Neurology, 2022, 269, 3597-3604.	1.8	3
116	Insight into epileptic and physiological déjà vu : from a multicentric cohort study. European Journal of Neurology, 2019, 26, 407-414.	1.7	2
117	Visuo-verbal distinction revisited: new insights from a study on temporal lobe epilepsy patients in the debate over the lateralization of material-specific and process-specific aspects of memory. Journal of Clinical and Experimental Neuropsychology, 2020, 42, 1085-1098.	0.8	2
118	Bilateral epileptogenesis in temporal lobe epilepsy due to unilateral hippocampal sclerosis: A case series. Clinical Neurology and Neurosurgery, 2021, 208, 106868.	0.6	2
119	A case of epilepsia partialis continua of abdominal muscles after brain tumor surgery. European Review for Medical and Pharmacological Sciences, 2019, 23, 3001-3004.	0.5	2
120	Validation Study of Italian Version of Inventory for Déjà Vu Experiences Assessment (I-IDEA): A Screening Tool to Detect Déjà Vu Phenomenon in Italian Healthy Individuals. Behavioral Sciences (Basel, Switzerland), 2017, 7, 50.	1.0	1
121	Subclinical dysphagia in task-specific mouth tremor triggered by drinking. Clinical Neurophysiology, 2019, 130, 1289-1291.	0.7	1
122	Ictal dancing-like semiology in frontal lobe epilepsy. Neurological Sciences, 2019, 40, 1491-1493.	0.9	1
123	Seizures induced by micturition: A rare form of reflex epilepsy. Epilepsy and Behavior Reports, 2021, 16, 100460.	0.5	1
124	Advanced morphological neuroimaging study in lateral temporal lobe epilepsy: A multicentric study. Epilepsy and Behavior, 2017, 74, 69-72.	0.9	0
125	Possible autoantibody-negative limbic encephalitis after anterior temporal lobectomy for hippocampal sclerosis. International Journal of Neuroscience, 2018, 128, 464-466.	0.8	0
126	New-onset anosmia and taste distortion: see beyond COVID-19. Neurological Sciences, 2020, 41, 3405-3407.	0.9	0

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127	Deprescribing in epilepsy: "First do no net harm― Epilepsy and Behavior, 2020, 111, 107236.	0.9	o
128	The diagnosis of epilepsy in the COVID-19 era: Dealing with revolution in clinical practice. Epilepsy and Behavior, 2020, 111, 107305.	0.9	0
129	Very long-term seizure outcome in frontal lobe epilepsy surgery. Epilepsy and Behavior, 2021, 117, 107848.	0.9	O
130	Ampa study (a mirroring clinical practice study of perampanel in adults and adolescents) design: Real-world prospective study of perampanel as add-on therapy for focal-onset seizures. Journal of the Neurological Sciences, 2021, 429, 119205.	0.3	0
131	Camillo Negro (1861–1927) and Antonio Carle (1854–1927): Pioneers of non-resective surgical approach to epilepsy treatment. Epilepsy and Behavior, 2021, 125, 108360.	0.9	O
132	Facial emotion recognition in Parkinson's disease: methodological, clinical, and pathophysiological factors., 2020,, 91-106.		0
133	Parkinson revealed by a shadow at sunset. European Review for Medical and Pharmacological Sciences, 2017, 21, 5297.	0.5	0