

Giancarlo C Di Gennaro

List of Publications by Citations

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128
papers

1,958
citations

26
h-index

37
g-index

137
ext. papers

2,437
ext. citations

4
avg, IF

4.18
L-index

#	Paper	IF	Citations
128	Alpha, beta and gamma electrocorticographic rhythms in somatosensory, motor, premotor and prefrontal cortical areas differ in movement execution and observation in humans. <i>Clinical Neurophysiology</i> , 2016 , 127, 641-654	4.3	72
127	Epilepsy Care in the Time of COVID-19 Pandemic in Italy: Risk Factors for Seizure Worsening. <i>Frontiers in Neurology</i> , 2020 , 11, 737	4.1	71
126	Ictal heart rate increase precedes EEG discharge in drug-resistant mesial temporal lobe seizures. <i>Clinical Neurophysiology</i> , 2004 , 115, 1169-77	4.3	69
125	BDNF modulates GABAA receptors microtransplanted from the human epileptic brain to <i>Xenopus</i> oocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 1667-72	11.5	55
124	Tissue plasminogen activator and urokinase plasminogen activator in human epileptogenic pathologies. <i>Neuroscience</i> , 2010 , 167, 929-45	3.9	54
123	Seizure outcome and use of antiepileptic drugs after epilepsy surgery according to histopathological diagnosis: a retrospective multicentre cohort study. <i>Lancet Neurology</i> , 2020 , 19, 748-757	24.1	54
122	Stop-event-related potentials from intracranial electrodes reveal a key role of premotor and motor cortices in stopping ongoing movements. <i>Frontiers in Neuroengineering</i> , 2012 , 5, 12		52
121	Localizing significance of temporal intermittent rhythmic delta activity (TIRDA) in drug-resistant focal epilepsy. <i>Clinical Neurophysiology</i> , 2003 , 114, 70-8	4.3	49
120	Rundown of GABA type A receptors is a dysfunction associated with human drug-resistant mesial temporal lobe epilepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005 , 102, 15219-23	11.5	49
119	Whole-brain voxel-based morphometry study of children and adolescents with Down syndrome. <i>Functional Neurology</i> , 2013 , 28, 19-28	2.2	49
118	Hippocampal, amygdala, and neocortical synchronization of theta rhythms is related to an immediate recall during rey auditory verbal learning test. <i>Human Brain Mapping</i> , 2009 , 30, 2077-89	5.9	47
117	Phosphatase inhibitors remove the run-down of gamma-aminobutyric acid type A receptors in the human epileptic brain. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 10183-8	11.5	46
116	Seizure clusters and adverse events during pre-surgical video-EEG monitoring with a slow anti-epileptic drug (AED) taper. <i>Clinical Neurophysiology</i> , 2012 , 123, 486-8	4.3	43
115	The antiepileptic drug levetiracetam stabilizes the human epileptic GABAA receptors upon repetitive activation. <i>Epilepsia</i> , 2007 , 48, 1842-9	6.4	43
114	Factors associated with generic and disease-specific quality of life in temporal lobe epilepsy. <i>Epilepsy Research</i> , 2006 , 69, 135-46	3	43
113	Perampanel in routine clinical use across Europe: Pooled, multicenter, observational data. <i>Epilepsia</i> , 2018 , 59, 1727-1739	6.4	41
112	Changes in depression, anxiety, anger, and personality after resective surgery for drug-resistant temporal lobe epilepsy: a 2-year follow-up study. <i>Epilepsy Research</i> , 2007 , 77, 22-30	3	39

111	Adenosine receptor antagonists alter the stability of human epileptic GABAA receptors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 15118-23	11.5	38
110	Temporal lobe epilepsy surgery: different surgical strategies after a non-invasive diagnostic protocol. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005 , 76, 815-24	5.5	35
109	Expression of human epileptic temporal lobe neurotransmitter receptors in <i>Xenopus</i> oocytes: An innovative approach to study epilepsy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002 , 99, 15078-83	11.5	35
108	Epilepsy and polymicrogyria in Kabuki make-up (Niikawa-Kuroki) syndrome. <i>Pediatric Neurology</i> , 1999 , 21, 566-8	2.9	34
107	Hypertension, seizures, and epilepsy: a review on pathophysiology and management. <i>Neurological Sciences</i> , 2019 , 40, 1775-1783	3.5	31
106	A rapid and reliable procedure to localize subdural electrodes in presurgical evaluation of patients with drug-resistant focal epilepsy. <i>Clinical Neurophysiology</i> , 2006 , 117, 341-7	4.3	30
105	Trends in pediatric epilepsy surgery in Europe between 2008 and 2015: Country-, center-, and age-specific variation. <i>Epilepsia</i> , 2020 , 61, 216-227	6.4	30
104	Night terrors associated with thalamic lesion. <i>Clinical Neurophysiology</i> , 2004 , 115, 2489-92	4.3	26
103	Doing without valproate in women of childbearing potential with idiopathic generalized epilepsy: Implications on seizure outcome. <i>Epilepsia</i> , 2020 , 61, 107-114	6.4	26
102	Epilepsy surgery of "low grade epilepsy associated neuroepithelial tumors": A retrospective nationwide Italian study. <i>Epilepsia</i> , 2017 , 58, 1832-1841	6.4	25
101	Postoperative EEG and seizure outcome in temporal lobe epilepsy surgery. <i>Clinical Neurophysiology</i> , 2004 , 115, 1212-9	4.3	25
100	Compulsive masturbation in infantile autism treated by mirtazapine. <i>Pediatric Neurology</i> , 2006 , 34, 417-8.	2.9	24
99	Molecular and clinical examination of an Italian DEFECT11 family. <i>European Journal of Human Genetics</i> , 1999 , 7, 579-84	5.3	24
98	Memory outcome 2 years after anterior temporal lobectomy in patients with drug-resistant epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2009 , 18, 139-44	3.2	22
97	Blockage of A2A and A3 adenosine receptors decreases the desensitization of human GABA(A) receptors microtransplanted to <i>Xenopus</i> oocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 15927-31	11.5	21
96	Increasing volume and complexity of pediatric epilepsy surgery with stable seizure outcome between 2008 and 2014: A nationwide multicenter study. <i>Epilepsy and Behavior</i> , 2017 , 75, 151-157	3.2	20
95	Hsp60 response in experimental and human temporal lobe epilepsy. <i>Scientific Reports</i> , 2015 , 5, 9434	4.9	20
94	Frontal Functional Connectivity of Electrocorticographic Delta and Theta Rhythms during Action Execution Versus Action Observation in Humans. <i>Frontiers in Behavioral Neuroscience</i> , 2017 , 11, 20	3.5	20

93	Scalp electrode placement by EC2 adhesive paste in long-term video-EEG monitoring. <i>Clinical Neurophysiology</i> , 2005 , 116, 1771-3	4.3	20
92	Drug-resistant temporal lobe epilepsy due to cavernous malformations. <i>Neurosurgical Focus</i> , 2006 , 21, e8	4.2	20
91	Severe amnesia following bilateral medial temporal lobe damage occurring on two distinct occasions. <i>Neurological Sciences</i> , 2006 , 27, 129-33	3.5	20
90	Quantitative evaluation for brain CT/MRI coregistration based on maximization of mutual information in patients with focal epilepsy investigated with subdural electrodes. <i>Magnetic Resonance Imaging</i> , 2007 , 25, 883-8	3.3	19
89	Lateralizing value of memory tests in drug-resistant temporal lobe epilepsy. <i>European Journal of Neurology</i> , 2006 , 13, 371-6	6	19
88	Attachment and parenting in adult patients with anxiety disorders. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2013 , 9, 157-63	3.2	17
87	HCN ion channels and accessory proteins in epilepsy: genetic analysis of a large cohort of patients and review of the literature. <i>Epilepsy Research</i> , 2019 , 153, 49-58	3	15
86	Rufinamide for the treatment of refractory epilepsy secondary to neuronal migration disorders. <i>Epilepsy Research</i> , 2014 , 108, 542-6	3	15
85	Genital and sexual manifestations in drug-resistant partial epilepsy. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2005 , 14, 133-8	3.2	15
84	Atypical Lennox-Gastaut syndrome successfully treated with removal of a parietal dysembryoplastic tumour. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2002 , 11, 325-9	3.2	15
83	Temporal pole abnormalities in temporal lobe epilepsy with hippocampal sclerosis: Clinical significance and seizure outcome after surgery. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015 , 32, 84-91	3.2	14
82	Assessing the relative incidence of mitochondrial DNA A3243G in migraine without aura with maternal inheritance. <i>Headache</i> , 2000 , 40, 568-71	4.2	14
81	Coexistence of childhood absence epilepsy and benign epilepsy with centrotemporal spikes: A case series. <i>European Journal of Paediatric Neurology</i> , 2017 , 21, 570-575	3.8	13
80	Surgery after intracranial investigation with subdural electrodes in patients with drug-resistant focal epilepsy: outcome and complications. <i>Neurosurgical Review</i> , 2012 , 35, 519-26; discussion 526	3.9	13
79	mtDNA A3243G MELAS mutation is not associated with multigenerational female migraine. <i>Neurology</i> , 2000 , 54, 1005-7	6.5	13
78	Childhood absence epilepsy and benign epilepsy with centro-temporal spikes: a narrative review analysis. <i>World Journal of Pediatrics</i> , 2017 , 13, 106-111	4.6	12
77	Factors underlying the development of chronic temporal lobe epilepsy in autoimmune encephalitis. <i>Journal of the Neurological Sciences</i> , 2019 , 396, 102-107	3.2	12
76	Severe and rapidly-progressive Lafora disease associated with NHLRC1 mutation: a case report. <i>International Journal of Neuroscience</i> , 2017 , 127, 1150-1153	2	11

75	The affective value of faces in patients achieving long-term seizure freedom after temporal lobectomy. <i>Epilepsy and Behavior</i> , 2014 , 36, 97-101	3.2	11
74	Lacosamide in patients with temporal lobe epilepsy: An observational multicentric open-label study. <i>Epilepsy and Behavior</i> , 2016 , 58, 111-4	3.2	11
73	Temporal lobe epilepsy surgery in children and adults: A multicenter study. <i>Epilepsia</i> , 2021 , 62, 128-142	6.4	11
72	Deep brain stimulation for intractable epilepsy. <i>Journal of Neurosurgical Sciences</i> , 2016 , 60, 189-98	1.3	11
71	Prognostic significance of acute postoperative seizures in extra-temporal lobe epilepsy surgery. <i>Clinical Neurophysiology</i> , 2013 , 124, 1536-40	4.3	10
70	Zonisamide in the management of epilepsy in the elderly. <i>Clinical Interventions in Aging</i> , 2015 , 10, 931-7	4	10
69	Movement-induced seizures: a case report. <i>Epilepsia</i> , 1997 , 38, 941-4	6.4	10
68	Partial seizures due to sclerosis of the right amygdala presenting as panic disorder. On the importance of psychopathological assessment in differential diagnosis. <i>Psychopathology</i> , 2007 , 40, 178-83	3.4	10
67	Serial postoperative awake and sleep EEG and long-term seizure outcome after anterior temporal lobectomy for hippocampal sclerosis. <i>Epilepsy Research</i> , 2014 , 108, 945-52	3	9
66	Extrarolandic electroclinical findings in the evolution of adult-onset Rasmussen's encephalitis. <i>Epilepsy and Behavior</i> , 2013 , 28, 467-73	3.2	9
65	Cardiac asystole during right frontal lobe seizures: a case report. <i>Neurological Sciences</i> , 2005 , 26, 340-3	3.5	9
64	Clinical dissection of childhood occipital epilepsy of Gastaut and prognostic implication. <i>European Journal of Neurology</i> , 2016 , 23, 241-6	6	9
63	Acute postoperative seizures and long-term seizure outcome after surgery for hippocampal sclerosis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2015 , 24, 59-62	3.2	8
62	Antidepressant effect of vagal nerve stimulation in epilepsy patients: a systematic review. <i>Neurological Sciences</i> , 2020 , 41, 3075-3084	3.5	8
61	Facial emotion decoding in patients with Parkinson's disease. <i>International Journal of Neuroscience</i> , 2018 , 128, 71-78	2	8
60	Effects of eslicarbazepine as add-on therapy on sleep architecture in temporal lobe epilepsy: results from "Esleep" study. <i>Sleep Medicine</i> , 2020 , 75, 287-293	4.6	7
59	CD34 Expression in Low-Grade Epilepsy-Associated Tumors: Relationships with Clinicopathologic Features. <i>World Neurosurgery</i> , 2019 , 121, e761-e768	2.1	7
58	Temporal pole abnormalities detected by 3 T MRI in temporal lobe epilepsy due to hippocampal sclerosis: No influence on seizure outcome after surgery. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2017 , 48, 74-78	3.2	6

57	Valproate impact and sex-dependent seizure remission in patients with idiopathic generalized epilepsy. <i>Journal of the Neurological Sciences</i> , 2020 , 415, 116940	3.2	6
56	Prognostic significance of serial postoperative EEG in extratemporal lobe epilepsy surgery. <i>Clinical Neurophysiology</i> , 2012 , 123, 2346-51	4.3	6
55	Hemodynamic response (BOLD/fMRI) in focal epilepsy with reference to benzodiazepine effect. <i>Magnetic Resonance Imaging</i> , 2004 , 22, 1487-92	3.3	6
54	Seizures in autoimmune encephalitis: Findings from an EEG pooled analysis. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2020 , 83, 160-168	3.2	6
53	Long-term seizure outcome in frontal lobe epilepsy surgery. <i>Epilepsy and Behavior</i> , 2019 , 90, 93-98	3.2	6
52	The efficacy of perampanel as adjunctive therapy in drug-resistant focal epilepsy in a "real world" context: focus on temporal lobe epilepsy. <i>Journal of the Neurological Sciences</i> , 2020 , 415, 116903	3.2	5
51	Can nocturnal groaning be suspected by cardiorespiratory polygraphy?. <i>Sleep Medicine</i> , 2014 , 15, 1002-4.6		5
50	Topiramate-induced periodic limb movement disorder in a patient affected by focal epilepsy. <i>Epilepsy & Behavior Case Reports</i> , 2014 , 2, 121-3	1.2	5
49	Normative data for measuring performance change on parallel forms of a 15-word list recall test. <i>Neurological Sciences</i> , 2014 , 35, 663-8	3.5	5
48	Oral dyskinesia induced by fluoxetine therapy for infantile autism. <i>Pediatric Neurology</i> , 2004 , 31, 76	2.9	5
47	Temporo-occipital spikes: are they so typical for Kabuki syndrome?. <i>Pediatric Neurology</i> , 2004 , 31, 379; author reply 379-80	2.9	5
46	Perampanel Improves Cortical Myoclonus and Disability in Progressive Myoclonic Epilepsies: A Case Series and a Systematic Review of the Literature. <i>Frontiers in Neurology</i> , 2021 , 12, 630366	4.1	5
45	Clinical utility of home videos for diagnosing epileptic seizures: a systematic review and practical recommendations for optimal and safe recording. <i>Neurological Sciences</i> , 2021 , 42, 1301-1309	3.5	5
44	Amelioration of untreated restless legs syndrome by tadalafil in a patient with erectile dysfunction. <i>Clinical Neuropharmacology</i> , 2015 , 38, 62	1.4	4
43	Measurement invariance of the experiences in close relationships questionnaire across different populations. <i>Spanish Journal of Psychology</i> , 2014 , 17, E22	1	4
42	Multiple spinal meningiomas after tamoxifen therapy: a case report. <i>Neurological Sciences</i> , 2003 , 24, 37-9	3.5	4
41	Hypoglycaemia induced by phenytoin treatment for partial status epilepticus. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2002 , 73, 349-50	5.5	4
40	Electro-oculographic findings in an unusual case of paramyotonia congenita. <i>Muscle and Nerve</i> , 1999 , 22, 1157-8	3.4	4

39	Attachment in Patients with Bipolar and Unipolar Depression: A Comparison with Clinical and Non-clinical Controls. <i>Clinical Practice and Epidemiology in Mental Health</i> , 2019 , 15, 143-152	3.2	4
38	Subacute cerebellar ataxia as presenting symptom of systemic lupus erythematosus. <i>European Review for Medical and Pharmacological Sciences</i> , 2018 , 22, 7401-7403	2.9	4
37	Focal Cortical Dysplasia IIIa in Hippocampal Sclerosis-Associated Epilepsy: Anatomico-Electro-Clinical Profile and Surgical Results From a Multicentric Retrospective Study. <i>Neurosurgery</i> , 2021 , 88, 384-393	3.2	4
36	The surgical treatment of epilepsy. <i>Neurological Sciences</i> , 2021 , 42, 2249-2260	3.5	4
35	Erythropoietin Increases GABA Currents in Human Cortex from TLE Patients. <i>Neuroscience</i> , 2020 , 439, 153-162	3.9	4
34	Electrical status epilepticus "invisible" to surface EEG in late-onset Rasmussen encephalitis. <i>Epileptic Disorders</i> , 2008 , 10, 219-22	1.9	4
33	Psychogenic nonepileptic seizures mimicking gelastic seizures: A description of two cases. <i>Epilepsy & Behavior Case Reports</i> , 2015 , 4, 67-9	1.2	3
32	Activity of hippocampal, amygdala, and neocortex during the Rey auditory verbal learning test: an event-related potential study in epileptic patients. <i>Clinical Neurophysiology</i> , 2010 , 121, 1351-7	4.3	3
31	A case of a rare association of spastic paraplegia and type III syndactyly. <i>European Journal of Neurology</i> , 2002 , 9, 105-7	6	3
30	Ictal Asystole in Drug-Resistant Focal Epilepsy: Two Decades of Experience from an Epilepsy Monitoring Unit. <i>Brain Sciences</i> , 2020 , 10,	3.4	3
29	Modulation of GABAergic dysfunction due to SCN1A mutation linked to Hippocampal Sclerosis. <i>Annals of Clinical and Translational Neurology</i> , 2020 , 7, 1726-1731	5.3	3
28	Health Technology Assessment Report on Vagus Nerve Stimulation in Drug-Resistant Epilepsy. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	3
27	Italian cohort of Lafora disease: Clinical features, disease evolution, and genotype-phenotype correlations. <i>Journal of the Neurological Sciences</i> , 2021 , 424, 117409	3.2	3
26	Movement disorders phenomenology in focal motor seizures. <i>Parkinsonism and Related Disorders</i> , 2019 , 61, 161-165	3.6	3
25	ATP-evoked intracellular Ca transients shape the ionic permeability of human microglia from epileptic temporal cortex. <i>Journal of Neuroinflammation</i> , 2021 , 18, 44	10.1	2
24	A case of epilepsy partialis continua of abdominal muscles after brain tumor surgery. <i>European Review for Medical and Pharmacological Sciences</i> , 2019 , 23, 3001-3004	2.9	2
23	Vagal Nerve Stimulation for Drug-Resistant Epilepsy: Adverse Events and Outcome in a Series of Patients with Long-Term Follow-Up. <i>Acta Neurochirurgica Supplementum</i> , 2017 , 124, 49-52	1.7	1
22	Epilepsy surgery in adult-onset Rasmussen's encephalitis: case series and review of the literature. <i>Neurosurgical Review</i> , 2015 , 38, 463-70; discussion 470-1	3.9	1

21	Validation Study of Italian Version of Inventory for DrivU Experiences Assessment (I-IDEA): A Screening Tool to Detect DrivU Phenomenon in Italian Healthy Individuals. <i>Behavioral Sciences (Basel, Switzerland)</i> , 2017 , 7,	2.3	1
20	Lateral versus vertical hemispheric disconnection for epilepsy: a systematic review and meta-analysis. <i>Journal of Neurosurgery</i> , 2021 , 1-11	3.2	1
19	Efficient automated localization of ECoG electrodes in CT images via shape analysis. <i>International Journal of Computer Assisted Radiology and Surgery</i> , 2021 , 16, 543-554	3.9	1
18	Insight into epileptic and physiological drivU: from a multicentric cohort study. <i>European Journal of Neurology</i> , 2019 , 26, 407-414	6	1
17	Predictive factors of Status Epilepticus and its recurrence in patients with adult-onset seizures: A multicenter, long follow-up cohort study. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2021 , 91, 397-401	3.2	1
16	Ocular phenotype and electroretinogram abnormalities in Lafora disease and correlation with disease stage.. <i>Journal of Neurology</i> , 2022 , 1	5.5	1
15	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. <i>Journal of Clinical and Experimental Neuropsychology</i> , 2020 , 42, 1085-1098	2.1	0
14	Seizures induced by micturition: A rare form of reflex epilepsy. <i>Epilepsy and Behavior Reports</i> , 2021 , 16, 100460	1.3	0
13	Lacosamide as first add-on or conversion monotherapy: A retrospective real-life study. <i>Epilepsy and Behavior</i> , 2021 , 122, 108128	3.2	0
12	Bilateral epileptogenesis in temporal lobe epilepsy due to unilateral hippocampal sclerosis: A case series. <i>Clinical Neurology and Neurosurgery</i> , 2021 , 208, 106868	2	0
11	Brivaracetam as add-on treatment in patients with post-stroke epilepsy: real-world data from the BRIVAracetam add-on First Italian netwoRk Study (BRIVAFIRST).. <i>Seizure: the Journal of the British Epilepsy Association</i> , 2022 , 97, 37-42	3.2	0
10	Subclinical dysphagia in task-specific mouth tremor triggered by drinking. <i>Clinical Neurophysiology</i> , 2019 , 130, 1289-1291	4.3	
9	Ictal dancing-like semiology in frontal lobe epilepsy. <i>Neurological Sciences</i> , 2019 , 40, 1491-1493	3.5	
8	Possible autoantibody-negative limbic encephalitis after anterior temporal lobectomy for hippocampal sclerosis. <i>International Journal of Neuroscience</i> , 2018 , 128, 464-466	2	
7	Advanced morphological neuroimaging study in lateral temporal lobe epilepsy: A multicentric study. <i>Epilepsy and Behavior</i> , 2017 , 74, 69-72	3.2	
6	Camillo Negro (1861-1927) and Antonio Carle (1854-1927): Pioneers of non-resective surgical approach to epilepsy treatment. <i>Epilepsy and Behavior</i> , 2021 , 125, 108360	3.2	
5	Facial emotion recognition in Parkinson's disease: methodological, clinical, and pathophysiological factors 2020 , 91-106		
4	New-onset anosmia and taste distortion: see beyond COVID-19. <i>Neurological Sciences</i> , 2020 , 41, 3405-3407		

- 3 The diagnosis of epilepsy in the COVID-19 era: Dealing with revolution in clinical practice. *Epilepsy and Behavior*, **2020**, 111, 107305 3.2
- 2 Very long-term seizure outcome in frontal lobe epilepsy surgery. *Epilepsy and Behavior*, **2021**, 117, 107848 3.2
- 1 Parkinson revealed by a shadow at sunset. *European Review for Medical and Pharmacological Sciences*, **2017**, 21, 5297 2.9