

# Eugenio Abela

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6872177/publications.pdf>

Version: 2024-02-01

47  
papers

1,736  
citations

331670

21  
h-index

302126

39  
g-index

51  
all docs

51  
docs citations

51  
times ranked

2733  
citing authors

#	ARTICLE	IF	CITATIONS
1	Topographic divergence of atypical cortical asymmetry and atrophy patterns in temporal lobe epilepsy. <i>Brain</i> , 2022, 145, 1285-1298.	7.6	18
2	Heterogeneity of resting-state EEG features in juvenile myoclonic epilepsy and controls. <i>Brain Communications</i> , 2022, 4, .	3.3	2
3	Computational modelling in source space from scalp EEG to inform presurgical evaluation of epilepsy. <i>Clinical Neurophysiology</i> , 2020, 131, 225-234.	1.5	27
4	Network-based atrophy modeling in the common epilepsies: A worldwide ENIGMA study. <i>Science Advances</i> , 2020, 6, .	10.3	97
5	White matter abnormalities across different epilepsy syndromes in adults: an ENIGMA-Epilepsy study. <i>Brain</i> , 2020, 143, 2454-2473.	7.6	123
6	Decreased grey matter in the postural control network is associated with lateral flexion of the trunk in Parkinson's disease. <i>NeuroImage: Clinical</i> , 2020, 28, 102469.	2.7	3
7	Dynamic network properties of the interictal brain determine whether seizures appear focal or generalised. <i>Scientific Reports</i> , 2020, 10, 7043.	3.3	23
8	Heritability of alpha and sensorimotor network changes in temporal lobe epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 667-676.	3.7	13
9	Local thalamic atrophy associates with large-scale functional connectivity alterations of fronto-parietal cortices in genetic generalized epilepsies. <i>Clinical and Translational Neuroscience</i> , 2019, 3, 2514183X1985032.	0.9	2
10	TMS as a pharmacodynamic indicator of cortical activity of a novel anti-epileptic drug, XEN1101. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 2164-2174.	3.7	21
11	Quantification and Selection of Ictogenic Zones in Epilepsy Surgery. <i>Frontiers in Neurology</i> , 2019, 10, 1045.	2.4	29
12	Early prediction of long-term tactile object recognition performance after sensorimotor stroke. <i>Cortex</i> , 2019, 115, 264-279.	2.4	6
13	Slower alpha rhythm associates with poorer seizure control in epilepsy. <i>Annals of Clinical and Translational Neurology</i> , 2019, 6, 333-343.	3.7	38
14	Sensorimotor network hypersynchrony as an endophenotype in families with genetic generalized epilepsy: A resting-state functional magnetic resonance imaging study. <i>Epilepsia</i> , 2019, 60, e14-e19.	5.1	16
15	Abnormal temporal lobe morphology in asymptomatic relatives of patients with hippocampal sclerosis: A replication study. <i>Epilepsia</i> , 2019, 60, e1-e5.	5.1	12
16	Baseline Troponin T level in stroke and its association with stress cardiomyopathy. <i>PLoS ONE</i> , 2018, 13, e0209764.	2.5	7
17	Dynamic brain network states in human generalized spike-wave discharges. <i>Brain</i> , 2018, 141, 2981-2994.	7.6	56
18	Elevated Ictal Brain Network Ictogenicity Enables Prediction of Optimal Seizure Control. <i>Frontiers in Neurology</i> , 2018, 9, 98.	2.4	30

#	ARTICLE	IF	CITATIONS
19	Computer models to inform epilepsy surgery strategies: prediction of postoperative outcome. <i>Brain</i> , 2017, 140, e30-e30.	7.6	15
20	Personalized structural image analysis in patients with temporal lobe epilepsy. <i>Scientific Reports</i> , 2017, 7, 10883.	3.3	10
21	Altered praxis network underlying limb kinetic apraxia in Parkinson's disease - an fMRI study. <i>NeuroImage: Clinical</i> , 2017, 16, 88-97.	2.7	11
22	An optimal strategy for epilepsy surgery: Disruption of the rich-club?. <i>PLoS Computational Biology</i> , 2017, 13, e1005637.	3.2	82
23	Characterization of Enhancing MS Lesions by Dynamic Texture Parameter Analysis of Dynamic Susceptibility Perfusion Imaging. <i>BioMed Research International</i> , 2016, 2016, 1-9.	1.9	6
24	Epileptic networks are strongly connected with and without the effects of interictal discharges. <i>Epilepsia</i> , 2016, 57, 1086-1096.	5.1	36
25	Ictal time-irreversible intracranial EEG signals as markers of the epileptogenic zone. <i>Clinical Neurophysiology</i> , 2016, 127, 3051-3058.	1.5	30
26	Theta burst stimulation over premotor cortex in Parkinson's disease: an explorative study on manual dexterity. <i>Journal of Neural Transmission</i> , 2016, 123, 1387-1393.	2.8	6
27	Focal Epilepsy: MR Imaging of Nonhemodynamic Field Effects by Using a Phase-cycled Stimulus-induced Rotary Saturation Approach with Spin-Lock Preparation. <i>Radiology</i> , 2016, 280, 237-243.	7.3	10
28	Focal and Generalized Patterns of Cerebral Cortical Veins Due to Non-Convulsive Status Epilepticus or Prolonged Seizure Episode after Convulsive Status Epilepticus - A MRI Study Using Susceptibility Weighted Imaging. <i>PLoS ONE</i> , 2016, 11, e0160495.	2.5	15
29	A Thalamic-Fronto-Parietal Structural Covariance Network Emerging in the Course of Recovery from Hand Paresis after Ischemic Stroke. <i>Frontiers in Neurology</i> , 2015, 6, 211.	2.4	11
30	Resected Brain Tissue, Seizure Onset Zone and Quantitative EEG Measures: Towards Prediction of Post-Surgical Seizure Control. <i>PLoS ONE</i> , 2015, 10, e0141023.	2.5	43
31	Dynamic directed interictal connectivity in left and right temporal lobe epilepsy. <i>Epilepsia</i> , 2015, 56, 207-217.	5.1	117
32	Do executive dysfunction and freezing of gait in Parkinson's disease share the same neuroanatomical correlates?. <i>Journal of the Neurological Sciences</i> , 2015, 356, 184-187.	0.6	48
33	Induction of Fear by Intraoperative Stimulation During Awake Craniotomy: Case Presentation and Systematic Review of the Literature. <i>World Neurosurgery</i> , 2015, 84, 470-474.	1.3	7
34	Detecting Functional Hubs of Ictogenic Networks. <i>Brain Topography</i> , 2015, 28, 305-317.	1.8	49
35	Interhemispheric Cerebral Blood Flow Balance during Recovery of Motor Hand Function after Ischemic Stroke - A Longitudinal MRI Study Using Arterial Spin Labeling Perfusion. <i>PLoS ONE</i> , 2014, 9, e106327.	2.5	26
36	Validation of Network Communicability Metrics for the Analysis of Brain Structural Networks. <i>PLoS ONE</i> , 2014, 9, e115503.	2.5	40

#	ARTICLE	IF	CITATIONS
37	Focal hemodynamic patterns of status epilepticus detected by susceptibility weighted imaging (SWI). <i>European Radiology</i> , 2014, 24, 2980-2988.	4.5	28
38	Monitoring Cerebral Oxygenation during Balloon Occlusion with Multichannel NIRS. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2014, 34, 347-356.	4.3	17
39	Mapping Epileptic Activity: Sources or Networks for the Clinicians?. <i>Frontiers in Neurology</i> , 2014, 5, 218.	2.4	55
40	Lesion Location Predicts Transient and Extended Risk of Aspiration After Supratentorial Ischemic Stroke. <i>Stroke</i> , 2013, 44, 2760-2767.	2.0	87
41	Time Course Based Artifact Identification for Independent Components of Resting-State fMRI. <i>Frontiers in Human Neuroscience</i> , 2013, 7, 214.	2.0	41
42	Lesions to Primary Sensory and Posterior Parietal Cortices Impair Recovery from Hand Paresis after Stroke. <i>PLoS ONE</i> , 2012, 7, e31275.	2.5	58
43	Uniform approach to linear and nonlinear interrelation patterns in multivariate time series. <i>Physical Review E</i> , 2011, 83, 066215.	2.1	27
44	Neural networks engaged in tactile object manipulation: patterns of expression among healthy individuals. <i>Behavioral and Brain Functions</i> , 2010, 6, 71.	3.3	5
45	Impaired verbal memory in Parkinson disease: relationship to prefrontal dysfunction and somatosensory discrimination. <i>Behavioral and Brain Functions</i> , 2009, 5, 49.	3.3	7
46	Functional Connectivity in Tactile Object Discrimination—A Principal Component Analysis of an Event Related fMRI-Study. <i>PLoS ONE</i> , 2008, 3, e3831.	2.5	22
47	Extraneural Pathologic Prion Protein in Sporadic Creutzfeldtâ€“Jakob Disease. <i>New England Journal of Medicine</i> , 2003, 349, 1812-1820.	27.0	299