

Mario Tombini

List of Publications by Year in descending order

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Version: 2024-02-01

103
papers

4,292
citations

126907

33
h-index

123424

61
g-index

104
all docs

104
docs citations

104
times ranked

5487
citing authors

#	ARTICLE	IF	CITATIONS
1	Levetiracetam, lamotrigine and carbamazepine: which monotherapy during pregnancy?. Neurological Sciences, 2022, 43, 1993-2001.	1.9	7
2	Understanding and managing the impact of the COVID-19 pandemic and lockdown on patients with epilepsy. Expert Review of Neurotherapeutics, 2022, 22, 145-153.	2.8	3
3	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.	2.0	4
4	Measuring the effects of first antiepileptic medication in Temporal Lobe Epilepsy: Predictive value of quantitative-EEG analysis. Clinical Neurophysiology, 2021, 132, 25-35.	1.5	38
5	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.	1.9	20
6	Epilepsy and quality of life: what does really matter?. Neurological Sciences, 2021, 42, 3757-3765.	1.9	33
7	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.	2.4	17
8	Temporal Lobe Epilepsy and Alzheimer's Disease: From Preclinical to Clinical Evidence of a Strong Association. Journal of Alzheimer's Disease Reports, 2021, 5, 243-261.	2.2	29
9	Effects of the noncompetitive AMPA receptor antagonist perampanel on thalamo-cortical excitability: A study of high-frequency oscillations in somatosensory evoked potentials. Clinical Neurophysiology, 2021, 132, 1049-1056.	1.5	13
10	The effect of Perampanel on EEG spectral power and connectivity in patients with focal epilepsy. Clinical Neurophysiology, 2021, 132, 2176-2183.	1.5	17
11	Use of machine learning for predicting levetiracetam treatment outcome in temporal lobe epilepsy: A pharmaco-EEG study. Journal of the Neurological Sciences, 2021, 429, 117713.	0.6	0
12	Major determinants of quality of life in adult patients with epilepsy. Journal of the Neurological Sciences, 2021, 429, 117842.	0.6	0
13	A case of myoclonic status epilepticus in a patient with brain metastases: Role of dysfunction of the thalamus-cortical network and inhibition of the somatosensory cortex. Journal of the Neurological Sciences, 2021, 429, 119171.	0.6	0
14	The effects of antiepileptic drugs on high-frequency oscillations in somatosensory evoked potentials. Journal of the Neurological Sciences, 2021, 429, 119091.	0.6	0
15	Medication adherence in people with epilepsy. Journal of the Neurological Sciences, 2021, 429, 119131.	0.6	1
16	Effects of the noncompetitive AMPA receptor antagonist perampanel on thalamo-cortical excitability: A study of high-frequency oscillations in somatosensory evoked potentials. Journal of the Neurological Sciences, 2021, 429, 119134.	0.6	0
17	Machine learning for predicting levetiracetam treatment response in temporal lobe epilepsy. Clinical Neurophysiology, 2021, 132, 3035-3042.	1.5	15
18	Thalamo-cortical network dysfunction in temporal lobe epilepsy. Clinical Neurophysiology, 2020, 131, 548-554.	1.5	16

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19	Power Spectral Differences between Transient Epileptic and Global Amnesia: An eLORETA Quantitative EEG Study. Brain Sciences, 2020, 10, 613.	2.3	7
20	Ictal Asystole in Drug-Resistant Focal Epilepsy: Two Decades of Experience from an Epilepsy Monitoring Unit. Brain Sciences, 2020, 10, 443.	2.3	8
21	Alexithymia and emotion dysregulation in adult patients with epilepsy. Epilepsy and Behavior, 2020, 113, 107537.	1.7	9
22	Glimpsing the Impact of COVID19 Lock-Down on People With Epilepsy: A Text Mining Approach. Frontiers in Neurology, 2020, 11, 870.	2.4	12
23	Spinal Cord Impairment in Anti-Mag Neuropathy: Evidence from Somatosensory Evoked Potentials. Brain Sciences, 2020, 10, 282.	2.3	1
24	PDMeter: A Wrist Wearable Device for an at-Home Assessment of the Parkinson's Disease Rigidity. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2020, 28, 1325-1333.	4.9	24
25	Antidepressant effect of vagal nerve stimulation in epilepsy patients: a systematic review. Neurological Sciences, 2020, 41, 3075-3084.	1.9	11
26	Electroencephalography at the time of Covid-19 pandemic in Italy. Neurological Sciences, 2020, 41, 1999-2004.	1.9	36
27	Epilepsy Care in the Time of COVID-19 Pandemic in Italy: Risk Factors for Seizure Worsening. Frontiers in Neurology, 2020, 11, 737.	2.4	107
28	The effects of antiepileptic drugs on high-frequency oscillations in somatosensory evoked potentials. Clinical Neurophysiology, 2020, 131, 1917-1924.	1.5	18
29	Metronidazole Encephalopathy EEG Features: A Case Report with Systematic Review of the Literature. Brain Sciences, 2020, 10, 227.	2.3	8
30	Depressive symptoms and difficulties in emotion regulation in adult patients with epilepsy: Association with quality of life and stigma. Epilepsy and Behavior, 2020, 107, 107073.	1.7	48
31	Thalamic and cortical hyperexcitability in juvenile myoclonic epilepsy. Clinical Neurophysiology, 2020, 131, 2041-2046.	1.5	18
32	Transcutaneous Vagus Nerve Stimulation Modulates EEG Microstates and Delta Activity in Healthy Subjects. Brain Sciences, 2020, 10, 668.	2.3	24
33	Epilepsy-associated stigma from the perspective of people with epilepsy and the community in Italy. Epilepsy and Behavior, 2019, 98, 66-72.	1.7	40
34	Calcium metabolism serum markers in adult patients with epilepsy and the effect of vitamin D supplementation on seizure control. Seizure: the Journal of the British Epilepsy Association, 2018, 58, 75-81.	2.0	20
35	The ROME (Retrospective Observational Multicenter study on Eslicarbazepine) study: Efficacy and behavioural effects of Eslicarbazepine acetate as adjunctive therapy for adults with partial onset seizures in real life. Seizure: the Journal of the British Epilepsy Association, 2018, 58, 35-40.	2.0	10
36	Eslicarbazepine Acetate Modulates EEG Activity and Connectivity in Focal Epilepsy. Frontiers in Neurology, 2018, 9, 1054.	2.4	35

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37	Transient epileptic and global amnesia: Real-life differential diagnosis. <i>Epilepsy and Behavior</i> , 2018, 88, 205-211.	1.7	30
38	Teaching Neurolmages: Sleep-related periodic breathing in acquired central sleep apnea. <i>Neurology</i> , 2018, 91, e1001-e1002.	1.1	0
39	Quantitative Analysis of Bradykinesia and Rigidity in Parkinson's Disease. <i>Frontiers in Neurology</i> , 2018, 9, 121.	2.4	75
40	Feature Extraction in Sit-to-Stand Task Using M-IMU Sensors and Evaluation in Parkinson's Disease. , 2018, , .		9
41	Slow Activity in Focal Epilepsy During Sleep and Wakefulness. <i>Clinical EEG and Neuroscience</i> , 2017, 48, 200-208.	1.7	37
42	Transcutaneous and invasive vagal nerve stimulations engage the same neural pathways: In-vivo human evidence. <i>Brain Stimulation</i> , 2017, 10, 853-854.	1.6	27
43	De novo multifocal myoclonus induced by lamotrigine in a temporal lobe epilepsy case. <i>Journal of the Neurological Sciences</i> , 2017, 373, 31-32.	0.6	8
44	Cathodal transcranial direct current stimulation reduces seizure frequency in adults with drug-resistant temporal lobe epilepsy: A sham controlled study. <i>Brain Stimulation</i> , 2017, 10, 333-335.	1.6	46
45	Prospective clinical trials to investigate clinical and molecular biomarkers. <i>Epilepsia</i> , 2017, 58, 20-26.	5.1	12
46	A novel c132â€134del mutation in Unverricht's disease and the review of literature of heterozygous compound patients. <i>Epilepsia</i> , 2017, 58, e31-e35.	5.1	10
47	Oscillatory Activities in Neurological Disorders of Elderly: Biomarkers to Target for Neuromodulation. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 189.	3.4	65
48	Increased Alpha Band Functional Connectivity Following the Quadrato Motor Training: A Longitudinal Study. <i>Frontiers in Human Neuroscience</i> , 2017, 11, 282.	2.0	27
49	Nutritional Status of Patients with Alzheimer's Disease and Their Caregivers. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 1619-1627.	2.6	23
50	Dengue encephalitis presenting with nonconvulsive status epilepticus: A case report. <i>Clinical Neurology and Neurosurgery</i> , 2016, 150, 89-91.	1.4	3
51	Hyperventilation induces sympathetic overactivation in mesial temporal epilepsy. <i>Epilepsy Research</i> , 2015, 110, 221-227.	1.6	14
52	Wakefulness delta waves increase after cortical plasticity induction. <i>Clinical Neurophysiology</i> , 2015, 126, 1221-1227.	1.5	48
53	The detection of neural autoantibodies in patients with antiepileptic drug-resistant epilepsy predicts response to immunotherapy. <i>European Journal of Neurology</i> , 2015, 22, 70-78.	3.3	35
54	Alpha and beta EEG power reflects L-dopa acute administration in parkinsonian patients. <i>Frontiers in Aging Neuroscience</i> , 2014, 6, 302.	3.4	62

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55	Does an intraneural interface short-term implant for robotic hand control modulate sensorimotor cortical integration? An EEG-TMS co-registration study on a human amputee. Restorative Neurology and Neuroscience, 2014, 32, 281-292.	0.7	19
56	Invasive neural interfaces: the perspective of the surgeon. Journal of Surgical Research, 2014, 188, 77-87.	1.6	27
57	Modulation of brain plasticity in stroke: a novel model for neurorehabilitation. Nature Reviews Neurology, 2014, 10, 597-608.	10.1	644
58	Inflammation and iron metabolism in adult patients with epilepsy: Does a link exist?. Epilepsy Research, 2013, 107, 244-252.	1.6	32
59	Zonisamide for seizures in Parkinson's disease with dementia. Seizure: the Journal of the British Epilepsy Association, 2013, 22, 324-325.	2.0	10
60	Progressive post-traumatic myelopathy presenting with magnetic resonance imaging snake-eye appearance. Spine Journal, 2013, 13, 830.	1.3	4
61	Mobile Phone Emissions Modulate Brain Excitability in Patients with Focal Epilepsy. Brain Stimulation, 2013, 6, 448-454.	1.6	28
62	Osteomalacic myopathy: An uncommon side effect of antiepileptic drugs. Muscle and Nerve, 2013, 48, 837-838.	2.2	6
63	Combined Analysis of Cortical (EEG) and Nerve Stump Signals Improves Robotic Hand Control. Neurorehabilitation and Neural Repair, 2012, 26, 275-281.	2.9	37
64	Overview of the implant of intraneural multielectrodes in human for controlling a 5-fingered hand prosthesis, delivering sensorial feedback and producing rehabilitative neuroplasticity. , 2012, , .		11
65	Inter-hemispheric coupling changes associate with motor improvements after robotic stroke rehabilitation. Restorative Neurology and Neuroscience, 2012, 30, 497-510.	0.7	90
66	Primary headache and epilepsy: A multicenter cross-sectional study. Epilepsy and Behavior, 2012, 23, 342-347.	1.7	35
67	Mobile phone emission increases inter-hemispheric functional coupling of electroencephalographic alpha rhythms in epileptic patients. International Journal of Psychophysiology, 2012, 84, 164-171.	1.0	33
68	Complex visual hallucinations after occipital extrastriate ischemic stroke. Cortex, 2012, 48, 774-777.	2.4	7
69	Complex epileptic palilalia: A case report. Seizure: the Journal of the British Epilepsy Association, 2012, 21, 655-657.	2.0	5
70	A neurally-interfaced hand prosthesis tuned inter-hemispheric communication. Restorative Neurology and Neuroscience, 2012, 30, 407-418.	0.7	34
71	An unusual case of loss of consciousness: when an epileptic brain let the heart slow down. Clinical Management Issues, 2012, 6, 15-19.	0.3	1
72	Motor cortex excitability in Alzheimer's disease: a transcranial magnetic stimulation follow-up study. Neuroscience Letters, 2011, 492, 94-98.	2.1	52

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73	Transcranial Magnetic Stimulation Studies in Alzheimer's Disease. International Journal of Alzheimer's Disease, 2011, 2011, 1-9.	2.0	38
74	Decoding of grasping information from neural signals recorded using peripheral intrafascicular interfaces. Journal of NeuroEngineering and Rehabilitation, 2011, 8, 53.	4.6	89
75	Anodal Transcranial Direct Current Stimulation Enhances Procedural Consolidation. Journal of Neurophysiology, 2010, 104, 1134-1140.	1.8	106
76	Intrafascicular thin-film multichannel electrodes for sensory feedback: Evidences on a human amputee. , 2010, 2010, 1800-3.		11
77	Double nerve intraneural interface implant on a human amputee for robotic hand control. Clinical Neurophysiology, 2010, 121, 777-783.	1.5	367
78	Prospects of brain-machine interfaces for space system control. Acta Astronautica, 2009, 64, 448-456.	3.2	27
79	Extrauterine maturation of somatosensory pathways in preterm infants: A somatosensory evoked potential study. Clinical Neurophysiology, 2009, 120, 783-789.	1.5	29
80	Hyperhomocysteinemia, intima-media thickness and C677T MTHFR gene polymorphism: A correlation study in patients with cognitive impairment. Atherosclerosis, 2009, 206, 309-313.	0.8	46
81	Brain activity preceding a 2D manual catching task. NeuroImage, 2009, 47, 1735-1746.	4.2	72
82	Homocysteine and electroencephalographic rhythms in Alzheimer disease: A multicentric study. Neuroscience, 2007, 145, 942-954.	2.3	34
83	Delta dipole density and strength in acute monohemispheric stroke. Neuroscience Letters, 2007, 416, 310-314.	2.1	23
84	Free copper and resting temporal EEG rhythms correlate across healthy, mild cognitive impairment, and Alzheimer's disease subjects. Clinical Neurophysiology, 2007, 118, 1244-1260.	1.5	58
85	Interhemispheric asymmetry of primary hand representation and recovery after stroke: A MEG study. NeuroImage, 2007, 36, 1057-1064.	4.2	47
86	Resting EEG sources correlate with attentional span in mild cognitive impairment and Alzheimer's disease. European Journal of Neuroscience, 2007, 25, 3742-3757.	2.6	101
87	Slow Repetitive TMS for Drug-resistant Epilepsy: Clinical and EEG Findings of a Placebo-controlled Trial. Epilepsia, 2007, 48, 366-374.	5.1	150
88	Outcome prediction in acute monohemispheric stroke via magnetoencephalography. Journal of Neurology, 2007, 254, 296-305.	3.6	53
89	Brain plasticity in recovery from stroke: An MEG assessment. NeuroImage, 2006, 32, 1326-1334.	4.2	84
90	Hand cortical representation at rest and during activation: Gender and age effects in the two hemispheres. Clinical Neurophysiology, 2006, 117, 1518-1528.	1.5	43

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91	Conversion from mild cognitive impairment to Alzheimer's disease is predicted by sources and coherence of brain electroencephalography rhythms. <i>Neuroscience</i> , 2006, 143, 793-803.	2.3	242
92	Increasing Cortical Excitability: A Possible Explanation For The Proconvulsant Role Of Sleep Deprivation. <i>Sleep</i> , 2006, 29, 1595-1598.	1.1	73
93	Transient Athetosis Induced by Tiagabine. <i>Epilepsia</i> , 2006, 47, 799-800.	5.1	13
94	Long-term effects of stroke on neuronal rest activity in rolandic cortical areas. <i>Journal of Neuroscience Research</i> , 2006, 83, 1077-1087.	2.9	33
95	Temporal lobe epileptic activity mimicking dementia: a case report. <i>European Journal of Neurology</i> , 2005, 12, 805-806.	3.3	25
96	Rhythmic brain activity at rest from rolandic areas in acute mono-hemispheric stroke: A magnetoencephalographic study. <i>NeuroImage</i> , 2005, 28, 72-83.	4.2	69
97	Prevalence and clinical characteristics of postictal psychiatric symptoms in partial epilepsy. <i>Neurology</i> , 2004, 63, 1542-1543.	1.1	2
98	Baroreflex Buffering of Sympathetic Activation During Sleep. <i>Hypertension</i> , 2004, 43, 814-819.	2.7	61
99	Topiramate: effect on EEG interictal abnormalities and background activity in patients affected by focal epilepsy. <i>Epilepsy Research</i> , 2004, 58, 43-52.	1.6	33
100	Bilateral frontal polymicrogyria and epilepsy in a patient with Turner mosaicism: a case report. <i>Journal of the Neurological Sciences</i> , 2003, 213, 83-86.	0.6	19
101	Clinical Case Report: CORTICAL DYSPLASIA, TEMPORAL ATROPHY, MENTAL RETARDATION, DYSMORPHIC FACIES, AND PARTIAL EPILEPSY: AN EEG AND DYNAMIC SUSCEPTIBILITY CONTRAST (DSC) MRI STUDY IN A NEW POSSIBLE GENETIC SYNDROME. <i>International Journal of Neuroscience</i> , 2003, 113, 307-314.	1.6	0
102	Sleep-related changes in baroreflex sensitivity and cardiovascular autonomic modulation. <i>Journal of Hypertension</i> , 2003, 21, 1555-1561.	0.5	63
103	Dynamic Susceptibility Contrast (DSC) MRI and Interictal Epileptiform Activity in Cryptogenic Partial Epilepsy. <i>Epilepsia</i> , 2002, 43, 1515-1521.	5.1	9