Giuseppe Lanza

List of Publications by Year
in descending order

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108 papers	3,135 citations	101384 36 h-index	197535 49 g-index
116 all docs	116 docs citations	116 times ranked	2768 citing authors

#	Article	IF	Citations
1	SARS-CoV-2 pathophysiology and its clinical implications: An integrative overview of the pharmacotherapeutic management of COVID-19. Food and Chemical Toxicology, 2020, 146, 111769.	1.8	117
2	SARS-CoV-2 and the Nervous System: From Clinical Features to Molecular Mechanisms. International Journal of Molecular Sciences, 2020, 21, 5475.	1.8	114
3	Repetitive transcranial magnetic stimulation in stroke rehabilitation: review of the current evidence and pitfalls. Therapeutic Advances in Neurological Disorders, 2019, 12, 175628641987831.	1.5	109
4	Distinctive patterns of cortical excitability to transcranial magnetic stimulation in obstructive sleep apnea syndrome, restless legs syndrome, insomnia, and sleep deprivation. Sleep Medicine Reviews, 2015, 19, 39-50.	3.8	85
5	Diagnostic contribution and therapeutic perspectives of transcranial magnetic stimulation in dementia. Clinical Neurophysiology, 2021, 132, 2568-2607.	0.7	85
6	Phenolic Acids and Prevention of Cognitive Decline: Polyphenols with a Neuroprotective Role in Cognitive Disorders and Alzheimerâ€™s Disease. Nutrients, 2022, 14, 819.	1.7	82
7	Towards the concept of disease-modifier in post-stroke or vascular cognitive impairment: a consensus report. BMC Medicine, 2017, 15, 107.	2.3	77
8	Transcranial magnetic stimulation in Alzheimerâ€™s disease: a neurophysiological marker of cortical hyperexcitability. Journal of Neural Transmission, 2011, 118, 587-598.	1.4	74
9	Cortical Plasticity in Depression. ASN Neuro, 2017, 9, 175909141771151.	1.5	74
10	Clinical Presentation and Outcome of Geriatric Depression in Subcortical Ischemic Vascular Disease. Gerontology, 2010, 56, 298-302.	1.4	71
11	Central and peripheral nervous system excitability in restless legs syndrome. Sleep Medicine, 2017, 31, 49-60.	0.8	70
12	Repetitive transcranial magnetic stimulation in patients with drug-resistant major depression: A six-month clinical follow-up study. International Journal of Psychiatry in Clinical Practice, 2015, 19, 252-258.	1.2	69
13	Neurological Sequelae in Patients with COVID-19: A Histopathological Perspective. International Journal of Environmental Research and Public Health, 2021, 18, 1415.	1.2	60
14	Clinical and electrophysiological impact of repetitive low-frequency transcranial magnetic stimulation on the sensoryâ€“motor network in patients with restless legs syndrome. Therapeutic Advances in Neurological Disorders, 2018, 11, 175628641875997.	1.5	59
15	Transcranial Magnetic Stimulation in the Assessment of Motor Cortex Excitability and Treatment of Drug-Resistant Major Depression. IEEE Transactions on Neural Systems and Rehabilitation Engineering, 2013, 21, 391-403.	2.7	57
16	Acetyl-L-Carnitine in Dementia and Other Cognitive Disorders: A Critical Update. Nutrients, 2020, 12, 1389.	1.7	52
17	Cholinergic circuitry functioning in patients with vascular cognitive impairment â€“ no dementia. Brain Stimulation, 2016, 9, 225-233.	0.7	51
18	Age, Height, and Sex on Motor Evoked Potentials: Translational Data From a Large Italian Cohort in a Clinical Environment. Frontiers in Human Neuroscience, 2019, 13, 185.	1.0	51

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19	Update on the Neurobiology of Vascular Cognitive Impairment: From Lab to Clinic. International Journal of Molecular Sciences, 2020, 21, 2977.	1.8	51
20	Editorial: Non-invasive Brain Stimulation in the Study and Modulation of Metaplasticity in Neurological Disorders. Frontiers in Neurology, 2021, 12, 721906.	1.1	51
21	Neurophysiology of the â€œCeliac Brainâ€: Disentangling Gut-Brain Connections. Frontiers in Neuroscience, 2017, 11, 498.	1.4	50
22	A Review of Transcranial Magnetic Stimulation in Vascular Dementia. Dementia and Geriatric Cognitive Disorders, 2011, 31, 71-80.	0.7	47
23	Different patterns of cortical excitability in major depression and vascular depression: a transcranial magnetic stimulation study. BMC Psychiatry, 2013, 13, 300.	1.1	47
24	The neurophysiology of hyperarousal in restless legs syndrome: Hints for a role of glutamate/GABA. Advances in Pharmacology, 2019, 84, 101-119.	1.2	47
25	Impaired short-term plasticity in restless legs syndrome: a pilot rTMS study. Sleep Medicine, 2018, 46, 1-4.	0.8	46
26	Preserved Transcallosal Inhibition to Transcranial Magnetic Stimulation in Nondemented Elderly Patients with Leukoaraiosis. BioMed Research International, 2013, 2013, 1-5.	0.9	45
27	Shiatsu as an adjuvant therapy for depression in patients with Alzheimerâ€™s disease: A pilot study. Complementary Therapies in Medicine, 2018, 38, 74-78.	1.3	45
28	Motor cortex excitability in vascular depression. International Journal of Psychophysiology, 2011, 82, 248-253.	0.5	44
29	Direct comparison of cortical excitability to transcranial magnetic stimulation in obstructive sleep apnea syndrome and restless legs syndrome. Sleep Medicine, 2015, 16, 138-142.	0.8	44
30	Vascular Cognitive Impairment through the Looking Glass of Transcranial Magnetic Stimulation. Behavioural Neurology, 2017, 2017, 1-16.	1.1	44
31	Evaluation and Treatment of Vascular Cognitive Impairment by Transcranial Magnetic Stimulation. Neural Plasticity, 2020, 2020, 1-17.	1.0	44
32	Enhanced motor cortex facilitation in patients with vascular cognitive impairment-no dementia. Neuroscience Letters, 2011, 503, 171-175.	1.0	43
33	Motor cortex plasticity in subcortical ischemic vascular dementia: What can TMS say?. Clinical Neurophysiology, 2015, 126, 851-852.	0.7	43
34	Correlation between Motor Cortex Excitability Changes and Cognitive Impairment in Vascular Depression: Pathophysiological Insights from a Longitudinal TMS Study. Neural Plasticity, 2016, 2016, 1-10.	1.0	43
35	Effect of a Gluten-Free Diet on Cortical Excitability in Adults with Celiac Disease. PLoS ONE, 2015, 10, e0129218.	1.1	42
36	Impaired Cerebral Haemodynamics in Vascular Depression: Insights From Transcranial Doppler Ultrasonography. Frontiers in Psychiatry, 2018, 9, 316.	1.3	42

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37	Excitability of the Motor Cortex in De Novo Patients with Celiac Disease. PLoS ONE, 2014, 9, e102790.	1.1	42
38	Transcranial Doppler ultrasound in vascular cognitive impairment-no dementia. PLoS ONE, 2019, 14, e0216162.	1.1	41
39	TMS follow-up study in patients with vascular cognitive impairment-no dementia. Neuroscience Letters, 2013, 534, 155-159.	1.0	38
40	Cortical involvement in celiac disease before and after long-term gluten-free diet: A Transcranial Magnetic Stimulation study. PLoS ONE, 2017, 12, e0177560.	1.1	38
41	The impact of drugs for multiple sclerosis on sleep. Multiple Sclerosis Journal, 2017, 23, 5-13.	1.4	31
42	Cognitive Impairment and Celiac Disease: Is Transcranial Magnetic Stimulation a Trait dâ€™Union between Gut and Brain?. International Journal of Molecular Sciences, 2018, 19, 2243.	1.8	31
43	Hybrid Electric Vehicles: Some Theoretical Considerations on Consumption Behaviour. Sustainability, 2018, 10, 1302.	1.6	31
44	Sleep and homeostatic control of plasticity. Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn, 2022, 184, 53-72.	1.0	31
45	Neurophysiological Aspects of REM Sleep Behavior Disorder (RBD): A Narrative Review. Brain Sciences, 2021, 11, 1588.	1.1	28
46	Facilitatory/inhibitory intracortical imbalance in REM sleep behavior disorder: early electrophysiological marker of neurodegeneration?. Sleep, 2020, 43, .	0.6	26
47	Vitamin D Serum Levels in Patients with Statin-Induced Musculoskeletal Pain. Disease Markers, 2019, 2019, 1-6.	0.6	26
48	Update on intensive motor training in spinocerebellar ataxia: time to move a step forward?. Journal of International Medical Research, 2020, 48, 030006051985462.	0.4	25
49	Decrease in Serum Vitamin D Level of Older Patients with Fatigue. Nutrients, 2019, 11, 2531.	1.7	24
50	Clinical and Electrophysiological Hints to TMS in De Novo Patients with Parkinsonâ€™s Disease and Progressive Supranuclear Palsy. Journal of Personalized Medicine, 2020, 10, 274.	1.1	24
51	â€œSelf-Neuroenhancementâ€: The Last Frontier of Noninvasive Brain Stimulation?. Journal of Clinical		

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55	Motor and Perceptual Recovery in Adult Patients with Mild Intellectual Disability. Neural Plasticity, 2018, 2018, 1-9.	1.0	18
56	Examples of Inverse Comorbidity between Cancer and Neurodegenerative Diseases: A Possible Role for Noncoding RNA. Cells, 2022, 11, 1930.	1.8	17
57	Migrainous Infarction And Cerebral Vasospasm: Case Report And Literature Review . Journal of Pain Research, 2019, Volume 12, 2941-2950.	0.8	16
58	Screening for Fabry Disease in Kidney Transplant Recipients: Experience of a Multidisciplinary Team. Biomedicines, 2020, 8, 396.	1.4	15
59	TMS Correlates of Pyramidal Tract Signs and Clinical Motor Status in Patients with Cervical Spondylotic Myelopathy. Brain Sciences, 2020, 10, 806.	1.1	15
60	Research priorities to reduce the impact of COVID-19 in low- and middle-income countries. Journal of Global Health, 2022, 12, 09003.	1.2	15
61	Fear and disgust: case report of two uncommon emotional disturbances evoked by visual disperceptions after a right temporal-insular stroke. BMC Neurology, 2019, 19, 193.	0.8	14
62	Early-onset subcortical ischemic vascular dementia in an adult with mtDNA mutation 3316G>A. Journal of Neurology, 2018, 265, 968-969.	1.8	13
63	A Transcriptome Analysis of mRNAs and Long Non-Coding RNAs in Patients with Parkinsonâ€™s Disease. International Journal of Molecular Sciences, 2022, 23, 1535.	1.8	13
64	Daily mocha coffee intake and psycho-cognitive status in non-demented non-smokers subjects with subcortical ischaemic vascular disease. International Journal of Food Sciences and Nutrition, 2022, 73, 821-828.	1.3	13
65	Adjunct Diagnostic Value of Transcranial Magnetic Stimulation in Mucopolysaccharidosis-Related Cervical Myelopathy: A Pilot Study. Brain Sciences, 2019, 9, 200.	1.1	12
66	â€œMuteâ€•plantar response: does the cortico-spinal tract â€œspeakâ€?. Brain Stimulation, 2019, 12, 1579-1580.	0.7	12
67	Motor activity and Beckerâ€™s muscular dystrophy: lights and shadows. Physician and Sportsmedicine, 2020, 48, 151-160.	1.0	12
68	Hypertensive Crisis in Acute Cerebrovascular Diseases Presenting at the Emergency Department: A Narrative Review. Brain Sciences, 2021, 11, 70.	1.1	12
69	Interpreting Genetic Variants: Hints from a Family Cluster of Parkinsonâ€™s Disease. Journal of Parkinson's Disease, 2019, 9, 203-206.	1.5	11
70	Pharmacotherapeutic management of lower urinary tract symptoms in Multiple Sclerosis patients. Expert Opinion on Pharmacotherapy, 2020, 21, 1449-1454.	0.9	11
71	Central and Peripheral Nervous System Complications of Vasculitis Syndromes From Pathology to Bedside: Part 1â€”Central Nervous System. Current Neurology and Neuroscience Reports, 2022, 22, 47-69.	2.0	11
72	Response to the letter to the editor â€œCortical excitability in restless legs syndromeâ€• Sleep Medicine, 2016, 21, 175.	0.8	10

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73	Repetitive TMS for sleep disorders: are we ready?. Sleep Medicine, 2020, 71, 111-112.	0.8	10
74	Epileptic Seizure as a Precipitating Factor of Vascular Progressive Supranuclear Palsy: A Case Report. Journal of Stroke and Cerebrovascular Diseases, 2014, 23, e379-e381.	0.7	9
75	The â€œPiano dellâ€™Acquaâ€•sinkholes (San Basile, Northern Calabria, Italy). Bulletin of Engineering Geology and the Environment, 2016, 75, 37-52.	1.6	9
76	Prominent neurological involvement in Dercum disease. Journal of Neurology, 2017, 264, 796-798.	1.8	9
77	Nerve Conduction Studies as a Measure of Disease Progression: Objectivity or Illusion?. Journal of Neuromuscular Diseases, 2017, 4, 209-215.	1.1	9
78	Intracortical and Intercortical Motor Disinhibition to Transcranial Magnetic Stimulation in Newly Diagnosed Celiac Disease Patients. Nutrients, 2021, 13, 1530.	1.7	9
79	Impact of COVID-19 pandemic on the neuropsychiatric status of Wilsonâ€™s disease. World Journal of Gastroenterology, 2021, 27, 6733-6736.	1.4	9
80	Auditory mismatch negativity in bipolar disorder: a focused review. Reviews in the Neurosciences, 2022, 33, 17-30.	1.4	8
81	A Review on P300 in Obsessive-Compulsive Disorder. Frontiers in Psychiatry, 2021, 12, 751215.	1.3	8
82	Reduced Intracortical Facilitation to TMS in Both Isolated REM Sleep Behavior Disorder (RBD) and Early Parkinsonâ€™s Disease with RBD. Journal of Clinical Medicine, 2022, 11, 2291.	1.0	8
83	Late-onset oro-facial dyskinesia in Spinocerebellar Ataxia type 2: a case report. BMC Neurology, 2020, 20, 156.	0.8	7
84	An Interactive Tool for Customizing Clinical Transacranial Magnetic Stimulation (TMS) Experiments. IFMBE Proceedings, 2010, , 200-203.	0.2	7
85	Post-stroke aphasia at the time of COVID-19 pandemic: a telerehabilitation perspective. Journal of Integrative Neuroscience, 2022, 21, 008.	0.8	7
86	Acute Isolated Trochlear Nerve Palsy in a Patient with Cavernous Carotid Aneurysm and Visit-to-Visit Variability in Systolic Blood Pressure. International Journal of Stroke, 2015, 10, E61-E61.	2.9	6
87	A Customized Next-Generation Sequencing-Based Panel to Identify Novel Genetic Variants in Dementing Disorders: A Pilot Study. Neural Plasticity, 2020, 2020, 1-10.	1.0	6
88	The present and the future of Transcranial Magnetic Stimulation in Restless Legs Syndrome. Sleep Medicine, 2020, 71, 122-123.	0.8	6
89	Neurological Presentation of Giant Pituitary Tumour Apoplexy: Case Report and Literature Review of a Rare but Life-Threatening Condition. Journal of Clinical Medicine, 2022, 11, 1581.	1.0	6
90	Preserved central cholinergic functioning to transcranial magnetic stimulation in de novo patients with celiac disease. PLoS ONE, 2021, 16, e0261373.	1.1	6

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91	Repetitive transcranial magnetic stimulation for post-traumatic stress disorder: Lights and shadows. World Journal of Clinical Cases, 2022, 10, 5929-5933.	0.3	6
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