

# Adenauer Girardi Casali

## List of Publications by Year in descending order

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Version: 2024-02-01

43  
papers

5,145  
citations

201674

27  
h-index

289244

40  
g-index

45  
all docs

45  
docs citations

45  
times ranked

4195  
citing authors

#	ARTICLE	IF	CITATIONS
1	General Anesthesia Disrupts Complex Cortical Dynamics in Response to Intracranial Electrical Stimulation in Rats. <i>ENeuro</i> , 2021, 8, ENEURO.0343-20.2021.	1.9	25
2	Reduced TMS-evoked fast oscillations in the motor cortex predict the severity of positive symptoms in first-episode psychosis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021, 111, 110387.	4.8	2
3	A fast and general method to empirically estimate the complexity of brain responses to transcranial and intracranial stimulations. <i>Brain Stimulation</i> , 2019, 12, 1280-1289.	1.6	64
4	Fractal dimension analysis of states of consciousness and unconsciousness using transcranial magnetic stimulation. <i>Computer Methods and Programs in Biomedicine</i> , 2019, 175, 129-137.	4.7	31
5	Abnormalities in the evoked frontal oscillatory activity of first-episode psychosis: A TMS/EEG study. <i>Schizophrenia Research</i> , 2019, 206, 436-439.	2.0	22
6	Human fronto-parietal response scattering subserves vigilance at night. <i>NeuroImage</i> , 2018, 175, 354-364.	4.2	18
7	Cognitive Enhancement Induced by Anodal tDCS Drives Circuit-Specific Cortical Plasticity. <i>Cerebral Cortex</i> , 2018, 28, 1132-1140.	2.9	99
8	Bistability, Causality, and Complexity in Cortical Networks: An In Vitro Perturbational Study. <i>Cerebral Cortex</i> , 2018, 28, 2233-2242.	2.9	58
9	Contribution of Impaired Parasympathetic Activity to Right Ventricular Dysfunction and Pulmonary Vascular Remodeling in Pulmonary Arterial Hypertension. <i>Circulation</i> , 2018, 137, 910-924.	1.6	83
10	Global structural integrity and effective connectivity in patients with disorders of consciousness. <i>Brain Stimulation</i> , 2018, 11, 358-365.	1.6	39
11	Optimization of Vagal Stimulation Protocol Based on Spontaneous Breathing Rate. <i>Frontiers in Physiology</i> , 2018, 9, 1341.	2.8	5
12	Sleep-like cortical OFF-periods disrupt causality and complexity in the brain of unresponsive wakefulness syndrome patients. <i>Nature Communications</i> , 2018, 9, 4427.	12.8	109
13	Abnormal brain oscillations persist after recovery from bipolar depression. <i>European Psychiatry</i> , 2017, 41, 10-15.	0.2	22
14	Measures of metabolism and complexity in the brain of patients with disorders of consciousness. <i>NeuroImage: Clinical</i> , 2017, 14, 354-362.	2.7	133
15	Consciousness Regained: Disentangling Mechanisms, Brain Systems, and Behavioral Responses. <i>Journal of Neuroscience</i> , 2017, 37, 10882-10893.	3.6	92
16	Timing of emotion representation in right and left occipital region: Evidence from combined TMS-EEG. <i>Brain and Cognition</i> , 2016, 106, 13-22.	1.8	23
17	Stratification of unresponsive patients by an independently validated index of brain complexity. <i>Annals of Neurology</i> , 2016, 80, 718-729.	5.3	309
18	Stimulus Set Meaningfulness and Neurophysiological Differentiation: A Functional Magnetic Resonance Imaging Study. <i>PLoS ONE</i> , 2015, 10, e0125337.	2.5	69

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19	Consciousness and Complexity during Unresponsiveness Induced by Propofol, Xenon, and Ketamine. <i>Current Biology</i> , 2015, 25, 3099-3105.	3.9	308
20	Transcranial magnetic stimulation combined with high-density EEG in altered states of consciousness. <i>Brain Injury</i> , 2014, 28, 1180-1189.	1.2	39
21	Changes of cortical excitability as markers of antidepressant response in bipolar depression: preliminary data obtained by combining transcranial magnetic stimulation (TMS) and electroencephalography (EEG). <i>Bipolar Disorders</i> , 2014, 16, 809-819.	1.9	47
22	Quantifying Cortical EEG Responses to TMS in (Un)consciousness. <i>Clinical EEG and Neuroscience</i> , 2014, 45, 40-49.	1.7	116
23	Human Cortical Excitability Increases with Time Awake. <i>Cerebral Cortex</i> , 2013, 23, 1-7.	2.9	229
24	Top-down interference and cortical responsiveness in face processing: A TMS-EEG study. <i>NeuroImage</i> , 2013, 76, 24-32.	4.2	39
25	A Theoretically Based Index of Consciousness Independent of Sensory Processing and Behavior. <i>Science Translational Medicine</i> , 2013, 5, 198ra105.	12.4	839
26	Recovery of cortical effective connectivity and recovery of consciousness in vegetative patients. <i>Brain</i> , 2012, 135, 1308-1320.	7.6	400
27	Task-dependent changes in cortical excitability and effective connectivity: a combined TMS-EEG study. <i>Journal of Neurophysiology</i> , 2012, 107, 2383-2392.	1.8	56
28	P.2.e.002 Depression, cortical excitability and sleep deprivation: a TMS/EEG study. <i>European Neuropsychopharmacology</i> , 2012, 22, S276-S277.	0.7	0
29	Combining Transcranial Magnetic Stimulation with Electroencephalography to Study Human Cortical Excitability and Effective Connectivity. <i>NeuroMethods</i> , 2011, , 435-457.	0.3	15
30	Time-frequency spectral analysis of TMS-evoked EEG oscillations by means of Hilbert-Huang transform. <i>Journal of Neuroscience Methods</i> , 2011, 198, 236-245.	2.5	47
31	EEG Responses to TMS Are Sensitive to Changes in the Perturbation Parameters and Repeatable over Time. <i>PLoS ONE</i> , 2010, 5, e10281.	2.5	181
32	Breakdown in cortical effective connectivity during midazolam-induced loss of consciousness. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 2681-2686.	7.1	464
33	General indices to characterize the electrical response of the cerebral cortex to TMS. <i>NeuroImage</i> , 2010, 49, 1459-1468.	4.2	130
34	Natural Frequencies of Human Corticothalamic Circuits. <i>Journal of Neuroscience</i> , 2009, 29, 7679-7685.	3.6	569
35	A perturbational approach for evaluating the brain's capacity for consciousness. <i>Progress in Brain Research</i> , 2009, 177, 201-214.	1.4	130
36	Temporal asymmetries of short-term heart period variability are linked to autonomic regulation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2008, 295, R550-R557.	1.8	182

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37	Multiple testing strategy for the detection of temporal irreversibility in stationary time series. Physical Review E, 2008, 77, 066204.	2.1	64
38	Assessment of heart rate irreversibility induced by graded sympathetic activation in humans. FASEB Journal, 2007, 21, A564.	0.5	0
39	Brane world cosmological perturbations. Physical Review D, 2004, 70, .	4.7	2
40	Shortcuts in Cosmological Branes. International Journal of Theoretical Physics, 2004, 43, 801-854.	1.2	16
41	Shortcuts in cosmological branes. Nuclear Physics, Section B, Proceedings Supplements, 2004, 127, 1-7.	0.4	2
42	Shortcuts for graviton propagation in a six-dimensional brane world model. Nuclear Physics B, 2002, 644, 201-222.	2.5	18
43	Consciousness and complexity: a consilience of evidence. Neuroscience of Consciousness, 0, , .	2.6	41