Ferdinando Sartucci

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8430080/publications.pdf

Version: 2024-02-01

114 papers	2,677 citations	147566 31 h-index	223531 46 g-index
133 all docs	133 docs citations	133 times ranked	3212 citing authors

#	Article	IF	Citations
1	Cortical myoclonus in angelman syndrome. Annals of Neurology, 1996, 40, 39-48.	2.8	136
2	Sex differences in face gender recognition in humans. Brain Research Bulletin, 2004, 63, 443-449.	1.4	117
3	Retinal and cortical evoked responses to chromatic contrast stimuli. Brain, 1996, 119, 723-740.	3.7	107
4	Characteristics of Cerebral Microembolism During Carotid Stenting and Angioplasty Alone. Archives of Neurology, 2001, 58, 1410.	4.9	87
5	Normative data for onset VEPs to red-green and blue-yellow chromatic contrast. Clinical Neurophysiology, 1999, 110, 772-781.	0.7	79
6	Cathodal transcutaneous spinal direct current stimulation (tsDCS) improves motor unit recruitment in healthy subjects. Neuroscience Letters, 2014, 578, 75-79.	1.0	75
7	Volatile organic compounds (VOCs) fingerprint of Alzheimer's disease. Respiratory Physiology and Neurobiology, 2015, 209, 81-84.	0.7	72
8	Changes in Pattern Electroretinograms to Equiluminant Red-Green and Blue-Yellow Gratings in Patients with Early Parkinsonâ€™s Disease. Journal of Clinical Neurophysiology, 2003, 20, 375-381.	0.9	70
9	Transcutaneous spinal direct current stimulation modulates human corticospinal system excitability. Journal of Neurophysiology, 2015, 114, 440-446.	0.9	69
10	Laserâ€evoked potentials as a tool for assessing the efficacy of antinociceptive drugs. European Journal of Pain, 2010, 14, 222-225.	1.4	66
11	Dysfunction of the magnocellular stream in Alzheimer's disease evaluated by pattern electroretinograms and visual evoked potentials. Brain Research Bulletin, 2010, 82, 169-176.	1.4	60
12	Vestibular-evoked myogenic potentials: A method to assess vestibulo-spinal conduction in multiple sclerosis patients. Brain Research Bulletin, 2002, 59, 59-63.	1.4	54
13	Botulinum neurotoxin E (BoNT/E) reduces CA1 neuron loss and granule cell dispersion, with no effects on chronic seizures, in a mouse model of temporal lobe epilepsy. Experimental Neurology, 2008, 210, 388-401.	2.0	52
14	Evidence for metaplasticity in the human visual cortex. Journal of Neural Transmission, 2014, 121, 221-231.	1.4	52
15	Hypertension, seizures, and epilepsy: a review on pathophysiology and management. Neurological Sciences, 2019, 40, 1775-1783.	0.9	51
16	Cortical reflex myoclonus in rett syndrome. Annals of Neurology, 1998, 43, 472-479.	2.8	48
17	A low-cost interface for control of computer functions by means of eye movements. Computers in Biology and Medicine, 2007, 37, 1765-1770.	3.9	47
18	Abnormal response to photic stimulation in Juvenile Myoclonic Epilepsy: An <scp>EEG</scp>â€f<scp>MRI</scp> study. Epilepsia, 2014, 55, 1038-1047.	2.6	47

#	Article	IF	Citations
19	Cerebellar direct current stimulation modulates pain perception in humans. Restorative Neurology and Neuroscience, 2015, 33, 597-609.	0.4	47
20	Changes in pain perception and pain-related somatosensory evoked potentials in humans produced by exposure to oscillating magnetic fields. Brain Research, 1997, 769, 362-366.	1.1	46
21	Impaired Clearance of Microemboli and Cerebrovascular Symptoms During Carotid Stenting Procedures. Archives of Neurology, 2005, 62, 1208.	4.9	44
22	Brain structural damage in spinocerebellar ataxia type 2. A voxelâ€based morphometry study. Movement Disorders, 2008, 23, 899-903.	2.2	44
23	Chromatic pattern-reversal electroretinograms (ChPERGs) are spared in multiple system atrophy compared with Parkinsonâ€™s disease. Neurological Sciences, 2006, 26, 395-401.	0.9	40
24	Spinal Direct Current Stimulation Modulates Short Intracortical Inhibition. Neuromodulation, 2015, 18, 686-693.	0.4	37
25	High Hypnotizability Impairs the Cerebellar Control of Pain. Cerebellum, 2017, 16, 55-61.	1.4	37
26	Neurophysiological Comparison Among Tonic, High Frequency, and Burst Spinal Cord Stimulation: Novel Insights Into Spinal and Brain Mechanisms of Action. Neuromodulation, 2018, 21, 480-488.	0.4	37
27	â€œHit the missing stimulusâ€• A simultaneous EEG-fMRI study to localize the generators of endogenous ERPs in an omitted target paradigm. Scientific Reports, 2019, 9, 3684.	1.6	36
28	Motor and somatosensory evoked potentials in Autosomal Dominant Hereditary Spastic Paraparesis (ADHSP) linked to chromosome 2p, SPG4. Brain Research Bulletin, 2007, 74, 243-249.	1.4	34
29	An unexpected target of spinal direct current stimulation: Interhemispheric connectivity in humans. Journal of Neuroscience Methods, 2015, 254, 18-26.	1.3	34
30	Transcranial magnetic stimulation mapping: A model based on spline interpolation. Brain Research Bulletin, 2008, 77, 143-148.	1.4	33
31	Visual-Evoked Potentials to Onset of Chromatic Red-Green and Blue-Yellow Gratings in Parkinsonâ€™s Disease Never Treated With L-Dopa. Journal of Clinical Neurophysiology, 2006, 23, 431-436.	0.9	32
32	N70 and P100 can be independently affected in multiple sclerosis. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1991, 80, 1-7.	2.0	31
33	Trigemino cervical reflex in man. Electromyography and Clinical Neurophysiology, 1986, 26, 123-9.	0.2	31
34	Equiluminant Redâ€“Green and Blueâ€“Yellow VEPs in Multiple Sclerosis. Journal of Clinical Neurophysiology, 2001, 18, 583-591.	0.9	30
35	Electrophysiological evidence by single fibre electromyography of neuromuscular transmission impairment in a case of Miller Fisher syndrome. Neurological Sciences, 2005, 26, 125-128.	0.9	29
36	Cerebellar Transcranial Direct Current Stimulation (ctDCS) Ameliorates Phantom Limb Pain and Non-painful Phantom Limb Sensations. Cerebellum, 2019, 18, 527-535.	1.4	29

#	Article	IF	Citations
37	Mitochondrial tRNACys gene mutation (A5814G): a second family with mitochondrial encephalopathy. Neuromuscular Disorders, 1997, 7, 156-159.	0.3	27
38	Visual callosal connections: role in visual processing in health and disease. Reviews in the Neurosciences, 2014, 25, 113-27.	1.4	26
39	Cortical silent period in patients with amyotrophic lateral sclerosis. Journal of the Neurological Sciences, 1999, 169, 93-97.	0.3	25
40	Transcallosal inhibition dampens neural responses to high contrast stimuli in human visual cortex. Neuroscience, 2011, 187, 43-51.	1.1	24
41	Unilateral Application of Cathodal tDCS Reduces Transcallosal Inhibition and Improves Visual Acuity in Amblyopic Patients. Frontiers in Behavioral Neuroscience, 2018, 12, 109.	1.0	24
42	Asymmetric scalp distribution of pattern visual evoked potentials during interictal phases in migraine. Acta Neurologica Scandinavica, 2001, 104, 301-307.	1.0	22
43	Impaired ascendant central pathways conduction in impotent diabetic subjects. Acta Neurologica Scandinavica, 1999, 99, 381-386.	1.0	20
44	Pearls and pitfalls in brain functional analysis by event-related potentials: a narrative review by the Italian Psychophysiology and Cognitive Neuroscience Society on methodological limits and clinical reliabilityâ€"part I. Neurological Sciences, 2020, 41, 2711-2735.	0.9	19
45	Mismatch negativity analysis in drug-resistant epileptic patients implanted with vagus nerve stimulator. Brain Research Bulletin, 2007, 73, 81-85.	1.4	18
46	MOTOR UNIT NUMBER ESTIMATION (MUNE) AS A QUANTITATIVE MEASURE OF DISEASE PROGRESSION AND MOTOR UNIT REORGANIZATION IN AMYOTROPHIC LATERAL SCLEROSIS. International Journal of Neuroscience, 2007, 117, 1229-1236.	0.8	18
47	Is lithium able to reverse neurological damage induced by vinca alkaloids?. Journal of Neural Transmission, 1999, 106, 569-575.	1.4	17
48	Diaphragm ultrasonography in amyotrophic lateral sclerosis: a diagnostic tool to assess ventilatory dysfunction and disease severity. Neurological Sciences, 2019, 40, 2065-2071.	0.9	17
49	Three-dimensional echographic evaluation of carotid artery disease. Journal of Cardiovascular Echography, 2018, 28, 218.	0.1	17
50	Supernumerary phantom limb after ischaemic stroke. Neurocase, 1997, 3, 223-230.	0.2	16
51	Can Microembolic Signals Identify Unstable Plaques Affecting Symptomatology in Carotid Stenosis?. Stroke, 2002, 33, 1744-1746.	1.0	16
52	Electrodiagnostic Evidence of Phrenic Nerve Demyelination in Charcot-Marie-Tooth Disease 1A. American Journal of Physical Medicine and Rehabilitation, 2003, 82, 754-759.	0.7	16
53	Olfactory phenotypic expression unveils human aging. Oncotarget, 2016, 7, 19193-19200.	0.8	16
54	Further insight on A-wave in acute and chronic demyelinating neuropathies. Neurological Sciences, 2010, 31, 609-616.	0.9	14

#	Article	IF	Citations
55	Transcranial Direct Current Stimulation and Cerebral Vasomotor Reserve: A Study in Healthy Subjects. Journal of Neuroimaging, 2015, 25, 571-574.	1.0	14
56	Altered recovery from inhibitory repetitive transcranial magnetic stimulation (rTMS) in subjects with photosensitive epilepsy. Clinical Neurophysiology, 2016, 127, 3353-3361.	0.7	14
57	Trigemino-cervical reflex in pathology of the brain stem and of the first cervical cord segments. Electromyography and Clinical Neurophysiology, 1989, 29, 67-71.	0.2	14
58	Evoked Potentials in the Evaluation of Patients with Mitochondrial Myopathy. European Neurology, 1993, 33, 428-435.	0.6	13
59	How does a surgeonâ€™s brain buzz? An EEG coherence study on the interaction between humans and robot. Behavioral and Brain Functions, 2013, 9, 14.	1.4	13
60	Cryoglobulinemic peripheral neuropathy: Neurophysiologic evaluation in twenty-two patients. Biomedicine and Pharmacotherapy, 1996, 50, 329-336.	2.5	12
61	Reproducibility of BOLD localization of interictal activity in patients with focal epilepsy: intrasession and intersession comparisons. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2011, 24, 285-296.	1.1	12
62	Impaired interhemispheric processing in early Huntingtonâ€™s Disease: A transcranial magnetic stimulation study. Clinical Neurophysiology, 2016, 127, 1750-1752.	0.7	12
63	High-resolution ultrasound changes of the vagus nerve in idiopathic Parkinsonâ€™s disease (IPD): a possible additional index of disease. Neurological Sciences, 2021, 42, 5205-5211.	0.9	12
64	Amplitude loss of electrically and magnetically evoked sympathetic skin responses in early stages of type 1 (insulin-dependent) diabetes mellitus without signs of dysautonomia. Clinical Autonomic Research, 1999, 9, 5-10.	1.4	11
65	Early thrombolysis in stroke due to basilar artery occlusion. Neurological Sciences, 2001, 22, 399-402.	0.9	11
66	Prolonged intracortical delay of long-latency reflexes: Electrophysiological evidence for a cortical dysfunction in multiple sclerosis. Brain Research Bulletin, 2006, 69, 606-613.	1.4	11
67	Pearl and pitfalls in brain functional analysis by event-related potentials: a narrative review by the Italian Psychophysiology and Cognitive Neuroscience Society on methodological limits and clinical reliabilityâ€”part II. Neurological Sciences, 2020, 41, 3503-3515.	0.9	11
68	Antidepressant effect of vagal nerve stimulation in epilepsy patients: a systematic review. Neurological Sciences, 2020, 41, 3075-3084.	0.9	11
69	Macro-EMG and MUNE Changes in Patients with Amyotrophic Lateral Sclerosis: One-Year Follow Up. International Journal of Neuroscience, 2011, 121, 257-266.	0.8	10
70	Percutaneous Venous Angioplasty in Patients with Multiple Sclerosis and Chronic Cerebrospinal Venous Insufficiency: A Randomized Wait List Control Study. Annals of Vascular Surgery, 2020, 62, 275-286.	0.4	10
71	Plaque surface and microembolic signals in moderate carotid stenosis. Italian Journal of Neurological Sciences, 1999, 20, 179-182.	0.1	9
72	Chapter 43 Recent advances in clinical neurophysiology of vision. Supplements To Clinical Neurophysiology, 2000, 53, 312-322.	2.1	9

#	Article	IF	Citations
73	A screening for superoxide dismutase-1 D90A mutation in Italian patients with sporadic amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders: Official Publication of the World Federation of Neurology, Research Group on Motor Neuron Diseases, 2002, 3, 215-218.	1.4	9
74	Quantitative EEG analysis in post-traumatic anosmia. Brain Research Bulletin, 2006, 71, 69-75.	1.4	9
75	Neurophysiological correlates for the perception of facial sexual dimorphism. Brain Research Bulletin, 2007, 71, 515-522.	1.4	9
76	Visual contrast sensitivity in carbamazepine-resistant epileptic patients receiving vigabatrin as add-on therapy. Journal of Epilepsy, 1997, 10, 7-11.	0.4	8
77	Effects of grating spatial orientation on visual evoked potentials and contrast sensitivity in multiple sclerosis. Acta Neurologica Scandinavica, 2001, 103, 97-104.	1.0	8
78	ELECTROPHYSIOLOGICAL EVALUATION OF GENITO-SPHINCTERIC DYSFUNCTION IN MULTIPLE SYSTEM ATROPHY. International Journal of Neuroscience, 2003, 113, 1353-1369.	0.8	8
79	â€˜Gammaâ€™ band oscillatory response to chromatic stimuli in volunteers and patients with idiopathic Parkinsonâ€™s disease. Vision Research, 2009, 49, 726-734.	0.7	8
80	Cerebellar direct current stimulation modulates hand blink reflex: implications for defensive behavior in humans. Physiological Reports, 2018, 6, e13471.	0.7	8
81	Repetitive nerve stimulation in the differential diagnosis of congenital myotonia. Italian Journal of Neurological Sciences, 1984, 5, 385-390.	0.1	7
82	Differential Motor Neuron Impairment and Axonal Regeneration in Sporadic and Familiar Amyotrophic Lateral Sclerosis with SOD-1 Mutations: Lessons from Neurophysiology. International Journal of Molecular Sciences, 2011, 12, 9203-9215.	1.8	7
83	NYCTOHEMERAL PATTERN OF SERUM LH, FSH AND PRL IN PATIENTS WITH MYOTONIC DYSTROPHY. Clinical Endocrinology, 1983, 18, 319-325.	1.2	6
84	Changes in long-latency reflexes onset latencies across full-wave rectified and non-rectified recordings. Clinical Neurophysiology, 1999, 110, 1975-1977.	0.7	6
85	Electrophysiological and olfactometric evaluation of longâ€term COVIDâ€19. Physiological Reports, 2021, 9, e14992.	0.7	6
86	Multimodality evoked potentials in myotonic dystrophy. Italian Journal of Neurological Sciences, 1989, 10, 61-67.	0.1	5
87	The role of the tactile-pressure afferents in the habituation phenomenon of trigemino-facial reflex. Acta Neurologica Scandinavica, 2009, 72, 602-605.	1.0	5
88	EEG topography-specific BOLD changes: a continuous EEG-fMRI study in a patient with focal epilepsy. Magnetic Resonance Imaging, 2010, 28, 388-393.	1.0	5
89	Interhemispheric Connectivity in Idiopathic Cervical Dystonia and Spinocerebellar Ataxias: A Transcranial Magnetic Stimulation Study. Clinical EEG and Neuroscience, 2022, 53, 460-466.	0.9	5
90	Electrophysiological evaluation of congenital myotonia. Electromyography and Clinical Neurophysiology, 1985, 25, 413-22.	0.2	5

#	Article	IF	Citations
91	Central motor Pathway Evaluation using magnetic coil stimulation in hereditary motor and sensory		

#	Article	IF	Citations
109	Evidence of central and autonomic nervous system involvement in neurogenic diabetic impotence. Journal of the Autonomic Nervous System, 1993, 43, 101-102.	1.9	0
110	A NOVEL MUTATION OF CONNEXINâ€32 GENE IN A CMTX ITALIAN FAMILY. Journal of the Peripheral Nervous System, 2000, 5, 51-51.	1.4	0
111	Changes in Motor Unit Loss and Axonal Regeneration Rate in Sporadic and Familiar Amyotrophic Lateral Sclerosis (ALS) â€" Possible Different Pathogenetic Mechanisms?. , 0, , .		0
112	S54. Neuromuscular ultrasound as diagnostic tool and marker of disease severity in amyotrophic lateral sclerosis. Clinical Neurophysiology, 2018, 129, e161-e162.	0.7	0
113	Towards an update in the neurophysiological assessment of functional tremors. Clinical Neurophysiology Practice, 2019, 4, 18-19.	0.6	0
114	The evaluation of sellar region tumours with pattern visual evoked potentials. Functional Neurology, 1989, 4, 379-86.	1.3	0