Domenico Restuccia

List of Publications by Year
in descending order

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77	2,478	186265	214800
papers	citations	28 h-index	47 g-index

78	78	78	2071
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Reduced habituation to experimental pain in migraine patients: a CO2 laser evoked potential study. Pain, 2003, 105, 57-64.	4.2	205
2	Sources of cortical responses to painful CO 2 laser skin stimulation of the hand and foot in the human brain. Clinical Neurophysiology, 2000, 111, 1103-1112.	1.5	125
3	Cerebellar damage impairs detection of somatosensory input changes. A somatosensory mismatch-negativity study. Brain, 2006, 130, 276-287.	7.6	115
4	THE CONTRIBUTION OF MEDIAN NERVE SEPs IN THE FUNCTIONAL ASSESSMENT OF THE CERVICAL SPINAL CORD IN SYRINGOMYELIA. Brain, 1991, 114, 361-379.	7.6	111
5	Inhibition of the human primary motor area by painful heat stimulation of the skin. Clinical Neurophysiology, 1999, 110, 1475-1480.	1.5	110
6	Seeing the pain of others while being in pain: A laser-evoked potentials study. NeuroImage, 2008, 40, 1419-1428.	4.2	104
7	Cisplatin neuropathy: clinical course and neurophysiological findings. Journal of Neurology, 1992, 239, 199-204.	3.6	103
8	Abnormal cortical pain processing in patients with cardiac syndrome X. European Heart Journal, 2005, 26, 975-982.	2.2	74
9	Attentional load of the primary task influences the frontal but not the temporal generators of mismatch negativity. Cognitive Brain Research, 2005, 25, 891-899.	3.0	63
10	Dipolar sources of the early scalp somatosensory evoked potentials to upper limb stimulation. Experimental Brain Research, 1998, 120, 306-315.	1.5	60
11	State Estimation, Response Prediction, and Cerebellar Sensory Processing for Behavioral Control. Cerebellum, 2009, 8, 399-402.	2.5	60
12	Short-term plastic changes of the human nociceptive system following acute pain induced by capsaicin. Clinical Neurophysiology, 2003, 114, 1879-1890.	1.5	53
13	Inhibition of biceps brachii muscle motor area by painful heat stimulation of the skin. Experimental Brain Research, 2001, 139, 168-172.	1.5	50
14	The pathophysiology of giant SEPs in cortical myoclonus: a scalp topography and dipolar source modelling study. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1997, 104, 122-131.	2.0	47
15	Influence of cholinergic circuitries in generation of high-frequency somatosensory evoked potentials. Clinical Neurophysiology, 2003, 114, 1538-1548.	1.5	45
16	Origin and distribution of P13 and P14 far-field potentials after median nerve stimulation. Scalp, nasopharyngeal and neck recording in healthy subjects and in patients with cervical and cervico-medullary lesions. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1995, 96, 371-384.	2.0	43
17	Distraction affects frontal alpha rhythms related to expectancy of pain: An EEG study. NeuroImage, 2006, 31, 1268-1277.	4.2	43
18	Inadequacy of the forehead reference montage for detecting abnormalities of the spinal N13 SEP in cervical cord lesions. Electroencephalography and Clinical Neurophysiology, 1991, 79, 448-456.	0.3	40

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19	Inhibitory effect of voluntary movement preparation on cutaneous heat pain and laser-evoked potentials. European Journal of Neuroscience, 2007, 25, 1900-1907.	2.6	39
20	Modulation of highâ€frequency (600â€ƒHz) somatosensoryâ€evoked potentials after rTMS of the primary sensory cortex. European Journal of Neuroscience, 2007, 26, 2349-2358.	2.6	39
21	Different neuronal contribution to N20 somatosensory evoked potential and to CO2 laser evoked potentials: an intracerebral recording study. Clinical Neurophysiology, 2004, 115, 211-216.	1.5	38
22	Functional assessment of A? and C fibers in patients with Fabry's disease. Muscle and Nerve, 2004, 30, 708-713.	2.2	36
23	Attention-related modifications of ultra-late CO2 laser evoked potentials to human trigeminal nerve stimulation. Neuroscience Letters, 2002, 329, 329-333.	2.1	34
24	Reduction in amplitude of the subcortical low- and high-frequency somatosensory evoked potentials during voluntary movement: an intracerebral recording study. Clinical Neurophysiology, 2004, 115, 104-111.	1.5	33
25	Somatosensory High Frequency Oscillations reflect clinical fluctuations in migraine. Clinical Neurophysiology, 2012, 123, 2050-2056.	1.5	31
26	Effect of movement on dipolar source activities of somatosensory evoked potentials. Muscle and Nerve, 1999, 22, 1510-1519.	2.2	30
27	Functional involvement of cerebral cortex in duchenne muscular dystrophy. , 1998, 21, 662-664.		29
28	Brain-stem components of high-frequency somatosensory evoked potentials are modulated by arousal changes: nasopharyngeal recordings in healthy humans. Clinical Neurophysiology, 2004, 115, 1392-1398.	1.5	29
29	Copper deficiency myelopathy: A report of two cases. Journal of Spinal Cord Medicine, 2015, 38, 559-562.	1.4	29
30	Inhibitory effect of capsaicin evoked trigeminal pain on warmth sensation and warmth evoked potentials. Experimental Brain Research, 2005, 160, 29-37.	1.5	28
31	Parallel spinal pathways generate the middle-latency N1 and the late P2 components of the laser evoked potentials. Clinical Neurophysiology, 2007, 118, 1097-1104.	1.5	28
32	Somatosensory mismatch negativity in healthy children. Developmental Medicine and Child Neurology, 2009, 51, 991-998.	2.1	28
33	Source generators of the early somatosensory evoked potentials to tibial nerve stimulation: an intracerebral and scalp recording study. Clinical Neurophysiology, 2001, 112, 1999-2006.	1.5	27
34	Abnormal gating of somatosensory inputs in essential tremor. Clinical Neurophysiology, 2003, 114, 120-129.	1.5	27
35	Dipolar generators of the early scalp somatosensory evoked potentials to tibial nerve stimulation in human subjects. Neuroscience Letters, 1997, 238, 49-52.	2.1	25
36	Unmasking of an early laser evoked potential by a point localization task. Clinical Neurophysiology, 2000, 111, 1927-1933.	1.5	25

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37	Patterns of habituation and clinical fluctuations in migraine. Cephalalgia, 2014, 34, 201-210.	3.9	24
38	Dissociated changes of somatosensory evoked low-frequency scalp responses and 600 Hz bursts after single-dose administration of lorazepam. Brain Research, 2002, 946, 1-11.	2.2	23
39	Dissociation induced by voluntary movement between two different components of the centro-parietal P40 SEP to tibial nerve stimulation. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1998, 108, 190-198.	2.0	21
40	Central scalp projection of the N30 SEP source activity after median nerve stimulation. , 2000, 23, 353-360.		21
41	The human supplementary motor area-proper does not receive direct somatosensory inputs from the periphery: data from stereotactic depth somatosensory evoked potential recordings. Neuroscience Letters, 2003, 344, 161-164.	2.1	21
42	Segmental inhibition of cutaneous heat sensation and of laser-evoked potentials by experimental muscle pain. Neuroscience, 2005, 136, 301-309.	2.3	21
43	The role of upper limb somatosensory evoked potentials in the management of cervical spondylotic myelopathy: preliminary data. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1994, 92, 502-509.	2.0	20
44	Giant central N20-P22 with normal area 3b N20-P20: an argument in favour of an area 3a generator of early median nerve cortical SEPs?. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1997, 104, 60-67.	2.0	20
45	Modality-related scalp responses after electrical stimulation of cutaneous and muscular upper limb afferents in humans. Muscle and Nerve, 2002, 26, 44-54.	2.2	20
46	Different levels of cortical excitability reflect clinical fluctuations in migraine. Cephalalgia, 2013, 33, 1035-1047.	3.9	20
47	Brain-stem somatosensory dysfunction in a case of long-standing left hemispherectomy with removal of the left thalamus: a nasopharyngeal and scalp SEP study. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1996, 100, 184-188.	2.0	19
48	Anatomic Origin of P13 and P14 Scalp Far-Field Potentials. Journal of Clinical Neurophysiology, 2000, 17, 246-257.	1.7	19
49	Different contribution of joint and cutaneous inputs to early scalp somatosensory evoked potentials. , 1999, 22, 910-919.		18
50	Parietal generators of low- and high-frequency MN (median nerve) SEPs: data from intracortical human recordings. Clinical Neurophysiology, 2004, 115, 647-657.	1.5	16
51	High-frequency oscillations after median-nerve stimulation do not undergo habituation: A new insight on their functional meaning?. Clinical Neurophysiology, 2011, 122, 148-152.	1.5	16
52	Giant subcortical high-frequency SEPs in idiopathic generalized epilepsy: A protective mechanism against seizures?. Clinical Neurophysiology, 2007, 118, 60-68.	1.5	15
53	Abnormality of Auditory Mismatch Negativity in Depression and Its Dependence on Stimulus Intensity. Clinical EEG and Neuroscience, 2016, 47, 105-112.	1.7	15
54	The scalp to earlobe montage as standard in routine SEP recording. Comparison with the non-cephalic reference in patients with lesions of the upper cervical cord. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1998, 108, 414-422.	2.0	14

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55	Abnormalities of somatosensory and motor evoked potentials in adrenomyeloneuropathy: Comparison with magnetic resonance imaging and clinical findings. , 1997, 20, 1249-1257.		13
56	Scalp distribution of the earliest cortical somatosensory evoked potential to tibial nerve stimulation: proposal of a new recording montage. Clinical Neurophysiology, 2000, 111, 1469-1477.	1.5	13
57	Somatosensory and motor evoked potentials in the assessment of cerebrotendinous xanthomatosis before and after treatment with chenodeoxycholic acid: a preliminary study. Journal of the Neurological Sciences, 1992, 112, 139-146.	0.6	11
58	Modulation of laser-evoked potentials by experimental cutaneous tonic pain. Neuroscience, 2006, 140, 1301-1310.	2.3	10
59	Influence of modafinil on somatosensory input processing in the human brain-stem. Clinical Neurophysiology, 2004, 115, 919-926.	1.5	9
60	Increase of brain-stem high-frequency SEP subcomponents during light sleep in seizure-free epileptic patients. Clinical Neurophysiology, 2005, 116, 1774-1778.	1.5	9
61	Dissociated effects of quiet stance on standard and high-frequency (600Hz) lower limb somatosensory evoked potentials. Clinical Neurophysiology, 2008, 119, 1408-1418.	1.5	9
62	Tired legsâ€"a gut diagnosis. Lancet, The, 2010, 376, 1798.	13.7	7
63	Cortical hyperâ€excitability in healthy children: evidence from habituation and recovery cycle phenomena of somatosensory evoked potentials. Developmental Medicine and Child Neurology, 2016, 58, 855-860.	2.1	7
64	Selective abnormality of the N13 spinal SEP to dermatomal stimulation in patients with cervical monoradiculopathy. Neurophysiologie Clinique, 1998, 28, 221-229.	2.2	6
65	High-frequency ECoG oscillations in the site of onset of epileptic seizures during sleep. Sleep Medicine, 2007, 8, 96-97.	1.6	6
66	Unmasking of presynaptic cutaneous HFOs burst by DBS lead recordings. Clinical Neurophysiology, 2012, 123, 842-844.	1.5	5
67	Auditory stimulation enhances thalamic somatosensory highâ€frequency oscillations in healthy humans: a neurophysiological marker of crossâ€sensory sensitization?. European Journal of Neuroscience, 2015, 41, 1079-1085.	2.6	5
68	Recovery after surgery of the spinal N24 SEP in dural arteriovenous malformation of the dorsal cord. Electroencephalography and Clinical Neurophysiology - Evoked Potentials, 1995, 96, 479-482.	2.0	4
69	Cerebellar information flow in the thalamus: implications for cortical functions. Thalamus & Related Systems, 2005, 3, 141.	0.5	4
70	Somatosensory high frequency oscillations: A useful tool to analyze dynamic changes in somatosensory pathways?. Clinical Neurophysiology, 2015, 126, 1643-1644.	1.5	4
71	A novel TSC2 mutation causing tuberless tuberous sclerosis. Seizure: the Journal of the British Epilepsy Association, 2014, 23, 580-582.	2.0	2
72	High frequency oscillations after median nerve stimulations in healthy children and adolescents. International Journal of Developmental Neuroscience, 2017, 61, 68-72.	1.6	2

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73	Contribution of different somatosensory afferent input to subcortical somatosensory evoked potentials in humans. Clinical Neurophysiology, 2021, 132, 2357-2364.	1.5	2
74	Somatosensory high frequency oscillations: A useful tool to analyze cortical excitability?. Clinical Neurophysiology, 2020, 131, 468-469.	1.5	1
75	Abnormal cortical pain processing in patients with cardiac syndrome X. International Congress Series, 2005, 1278, 393-396.	0.2	0
76	Restless Legs Syndrome and lateralized periodic movements due to a spinal schwannoma. Sleep and Biological Rhythms, 2015, 13, 106-108.	1.0	0
77	Commentary. Journal of Neurosciences in Rural Practice, 2012, 3, 423-4.	0.8	0