

Maria Nolano

List of Publications by Year in descending order

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111
papers

10,216
citations

117453

34
h-index

32761

100
g-index

115
all docs

115
docs citations

115
times ranked

7260
citing authors

#	ARTICLE	IF	CITATIONS
1	Flunarizine in Prophylaxis of Childhood Migraine: A Double-Blind, Placebo-Controlled, Crossover Study. <i>Cephalalgia</i> , 1988, 8, 1-6.	1.8	4,583
2	European Federation of Neurological Societies/Peripheral Nerve Society Guideline on the use of skin biopsy in the diagnosis of small fiber neuropathy. Report of a joint task force of the European Federation of Neurological Societies and the Peripheral Nerve Society. <i>European Journal of Neurology</i> , 2010, 17, 903.	1.7	651
3	EFNS guidelines on the use of skin biopsy in the diagnosis of peripheral neuropathy. <i>European Journal of Neurology</i> , 2005, 12, 747-758.	1.7	489
4	Topical capsaicin in humans: parallel loss of epidermal nerve fibers and pain sensation. <i>Pain</i> , 1999, 81, 135-145.	2.0	417
5	Intradermal Injection of Capsaicin in Humans Produces Degeneration and Subsequent Reinnervation of Epidermal Nerve Fibers: Correlation with Sensory Function. <i>Journal of Neuroscience</i> , 1998, 18, 8947-8959.	1.7	358
6	Sensory deficit in Parkinson's disease: evidence of a cutaneous denervation. <i>Brain</i> , 2008, 131, 1903-1911.	3.7	326
7	Quantification of myelinated endings and mechanoreceptors in human digital skin. <i>Annals of Neurology</i> , 2003, 54, 197-205.	2.8	184
8	European Federation of Neurological Societies/Peripheral Nerve Society Guideline on the use of skin biopsy in the diagnosis of small fiber neuropathy. Report of a joint task force of the European Federation of Neurological Societies and the Peripheral Nerve Society. <i>Journal of the Peripheral Nervous System</i> , 2010, 15, 79-92.	1.4	151
9	Myelinated nerve endings in human skin. <i>Muscle and Nerve</i> , 2007, 35, 767-775.	1.0	133
10	Absent innervation of skin and sweat glands in congenital insensitivity to pain with anhidrosis. <i>Clinical Neurophysiology</i> , 2000, 111, 1596-1601.	0.7	129
11	Ross syndrome: a rare or a misknown disorder of thermoregulation? A skin innervation study on 12 subjects. <i>Brain</i> , 2006, 129, 2119-2131.	3.7	123
12	A multi-center, multinational age- and gender-adjusted normative dataset for immunofluorescent intraepidermal nerve fiber density at the distal leg. <i>European Journal of Neurology</i> , 2016, 23, 333-338.	1.7	107
13	A skin blister method to study epidermal nerves in peripheral nerve disease. , 1999, 22, 360-371.		102
14	Scientific Advances in and Clinical Approaches to Small-Fiber Polyneuropathy. <i>JAMA Neurology</i> , 2019, 76, 1240.	4.5	99
15	Skin sympathetic adrenergic innervation: An immunofluorescence confocal study. <i>Annals of Neurology</i> , 2006, 59, 376-381.	2.8	93
16	Novel ATP13A2 (PARK9) homozygous mutation in a family with marked phenotype variability. <i>Neurogenetics</i> , 2011, 12, 33-39.	0.7	84
17	Blockade of glutamate mGlu5 receptors in a rat model of neuropathic pain prevents early over-expression of pro-apoptotic genes and morphological changes in dorsal horn lamina II. <i>Neuropharmacology</i> , 2004, 46, 468-479.	2.0	78
18	Small fibers involvement in Friedreich's ataxia. <i>Annals of Neurology</i> , 2001, 50, 17-25.	2.8	77

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19	Quantification of pilomotor nerves. <i>Neurology</i> , 2010, 75, 1089-1097.	1.5	74
20	Increased Epicardial Adipose Tissue Volume Correlates With Cardiac Sympathetic Denervation in Patients With Heart Failure. <i>Circulation Research</i> , 2016, 118, 1244-1253.	2.0	74
21	Evaluation of sudomotor function in diabetes using the dynamic sweat test. <i>Neurology</i> , 2010, 74, 50-56.	1.5	71
22	Loss of cutaneous large and small fibers in naive and <scp>l</scp> -dopaâ€‘treated PD patients. <i>Neurology</i> , 2017, 89, 776-784.	1.5	66
23	Charcotâ€™Marieâ€™Tooth disease: frequency of genetic subtypes in a Southern Italy population. <i>Journal of the Peripheral Nervous System</i> , 2014, 19, 292-298.	1.4	64
24	Evaluation of the motor cortex by magnetic stimulation in patients with Alzheimer disease. <i>Journal of the Neurological Sciences</i> , 1996, 135, 31-37.	0.3	61
25	Update on laser-evoked potential findings in fibromyalgia patients in light of clinical and skin biopsy features. <i>Journal of Neurology</i> , 2014, 261, 461-472.	1.8	61
26	Cutaneous innervation of the human face as assessed by skin biopsy. <i>Journal of Anatomy</i> , 2013, 222, 161-169.	0.9	53
27	A multicenter, randomized, double-blind, placebo-controlled trial of long-term ascorbic acid treatment in Charcot-Marie-Tooth disease type 1A (CMT-TRIAAL): The study protocol [EudraCT no.: 2006-000032-27]. <i>Pharmacological Research</i> , 2006, 54, 436-441.	3.1	47
28	Postganglionic sudomotor denervation in patients with multiple system atrophy. <i>Neurology</i> , 2014, 82, 2223-2229.	1.5	45
29	Nerve conduction velocity in <scp>CMT</scp> 1A: what else can we tell?. <i>European Journal of Neurology</i> , 2016, 23, 1566-1571.	1.7	45
30	Nonâ€™motor involvement in amyotrophic lateral sclerosis: new insight from nerve and vessel analysis in skin biopsy. <i>Neuropathology and Applied Neurobiology</i> , 2017, 43, 119-132.	1.8	45
31	Long-Term Caloric Restriction Improves Cardiac Function, Remodeling, Adrenergic Responsiveness, and Sympathetic Innervation in a Model of Postischemic Heart Failure. <i>Circulation: Heart Failure</i> , 2018, 11, e004153.	1.6	45
32	Is Ross syndrome a dysautonomic disorder only? An electrophysiologic and histologic study. <i>Clinical Neurophysiology</i> , 2003, 114, 7-16.	0.7	44
33	Biallelic mutations in neurofascin cause neurodevelopmental impairment and peripheral demyelination. <i>Brain</i> , 2019, 142, 2948-2964.	3.7	43
34	The role of skin biopsy in differentiating smallâ€™fiber neuropathy from ganglionopathy. <i>European Journal of Neurology</i> , 2018, 25, 848-853.	1.7	42
35	Novel mutations in <i>dystonin</i> provide clues to the pathomechanisms of HSAN-VI. <i>Neurology</i> , 2017, 88, 2132-2140.	1.5	41
36	The cutaneous nerve biopsy. <i>Handbook of Clinical Neurology</i> / Edited By P J Vinken and G W Bruyn, 2013, 115, 171-188.	1.0	40

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37	Charcot-Marie-Tooth disease. <i>Neurology</i> , 2015, 85, 1202-1208.	1.5	33
38	Small fiber involvement in spinobulbar muscular atrophy (Kennedy's disease). <i>Muscle and Nerve</i> , 2007, 36, 816-820.	1.0	31
39	Epidermal innervation morphometry by immunofluorescence and bright-field microscopy. <i>Journal of the Peripheral Nervous System</i> , 2015, 20, 387-391.	1.4	30
40	Small nerve fiber involvement in CMT1A. <i>Neurology</i> , 2015, 84, 407-414.	1.5	30
41	<scp>The neuropathy in hereditary transthyretin amyloidosis</scp>: A <scp>narrative review</scp>. <i>Journal of the Peripheral Nervous System</i> , 2021, 26, 155-159.	1.4	30
42	Cortico-spinal pathways and inhibitory mechanisms in hepatic encephalopathy. <i>Electroencephalography and Clinical Neurophysiology - Electromyography and Motor Control</i> , 1997, 105, 72-78.	1.4	29
43	Anhidrosis in multiple system atrophy: A preganglionic sudomotor dysfunction?. <i>Movement Disorders</i> , 2008, 23, 885-888.	2.2	29
44	Increased peptidergic fibers as a potential cutaneous marker of pain in diabetic small fiber neuropathy. <i>Pain</i> , 2021, 162, 778-786.	2.0	28
45	Neuropathy in idiopathic Parkinson disease: An Iatrogenic problem?. <i>Annals of Neurology</i> , 2011, 69, 427-428.	2.8	27
46	A new device to quantify tactile sensation in neuropathy. <i>Neurology</i> , 2011, 76, 1642-1649.	1.5	27
47	Alterations of autophagy in the peripheral neuropathy Charcot-Marie-Tooth type 2B. <i>Autophagy</i> , 2018, 14, 1-12.	4.3	27
48	Alteration of the late endocytic pathway in Charcot-Marie-Tooth type 2B disease. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 351-372.	2.4	27
49	Electrophysiologic characterization in spinocerebellar ataxia 17. <i>Neurology</i> , 2006, 66, 932-934.	1.5	26
50	THE RELATIONSHIP BETWEEN ELECTROPHYSIOLOGICAL FINDINGS, UPPER LIMB GROWTH AND HISTOLOGICAL FEATURES OF MEDIAN AND ULNAR NERVES IN MAN. <i>Brain</i> , 1992, 115, 1925-1945.	3.7	25
51	Selected items from the Charcot-Marie-Tooth (CMT) Neuropathy Score and secondary clinical outcome measures serve as sensitive clinical markers of disease severity in CMT1A patients. <i>Neuromuscular Disorders</i> , 2014, 24, 1003-1017.	0.3	25
52	A novel <i>SCN9A</i> splicing mutation in a compound heterozygous girl with congenital insensitivity to pain, hyposmia and hypogeusia. <i>Journal of the Peripheral Nervous System</i> , 2018, 23, 202-206.	1.4	25
53	Median nerve sensory responses evoked by tactile stimulation of the finger proximal and distal phalanx in normal subjects. <i>Muscle and Nerve</i> , 1994, 17, 269-275.	1.0	23
54	Characterization of nigrostriatal dysfunction in spinocerebellar ataxia 17. <i>Movement Disorders</i> , 2006, 21, 872-875.	2.2	22

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55	Central and peripheral autonomic failure in cold-induced sweating syndrome type 1. <i>Neurology</i> , 2010, 75, 1567-1569.	1.5	22
56	Evidence of small fiber neuropathy in a patient with Ehlers-Danlos syndrome, hypermobility-type. <i>Clinical Neurophysiology</i> , 2016, 127, 1914-1916.	0.7	22
57	Cooling the skin for assessing small-fibre function. <i>Pain</i> , 2019, 160, 1967-1975.	2.0	22
58	Distal degeneration of sensory and autonomic cutaneous nerve fibres in systemic sclerosis. <i>Annals of the Rheumatic Diseases</i> , 2005, 64, 1524-1526.	0.5	21
59	Generalised anhidrosis: different lesion sites demonstrated by microneurography and skin biopsy. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2005, 76, 588-591.	0.9	21
60	Contribution of Skin Biopsy in Peripheral Neuropathies. <i>Brain Sciences</i> , 2020, 10, 989.	1.1	21
61	Multimodal Biomarkers Quantify Recovery in Autoimmune Autonomic Ganglionopathy. <i>Annals of Neurology</i> , 2021, 89, 753-768.	2.8	21
62	Sensory nerve findings by tactile stimulation of median and ulnar nerves in healthy subjects of different ages. <i>Electroencephalography and Clinical Neurophysiology - Evoked Potentials</i> , 1993, 89, 392-398.	2.0	20
63	Sural nerve and epidermal vascular abnormalities in a case of POEMS syndrome. <i>European Journal of Neurology</i> , 2006, 13, 99-102.	1.7	20
64	A Case of Unilateral Burning Mouth Syndrome of Neuropathic Origin. <i>Headache</i> , 2011, 51, 441-443.	1.8	20
65	Autonomic nervous system involvement in a new CMT2B family. <i>Journal of the Peripheral Nervous System</i> , 2012, 17, 361-364.	1.4	20
66	Autoimmune Autonomic Ganglionopathy. <i>Archives of Neurology</i> , 2011, 68, 504.	4.9	19
67	Somatosensory Temporal Discrimination Threshold Is Increased in Patients with Cerebellar Atrophy. <i>Cerebellum</i> , 2013, 12, 456-459.	1.4	19
68	Small fiber pathology parallels disease progression in Parkinson disease: a longitudinal study. <i>Acta Neuropathologica</i> , 2018, 136, 501-503.	3.9	19
69	GDAP1 mutations in Italian axonal Charcot-Marie-Tooth patients: Phenotypic features and clinical course. <i>Neuromuscular Disorders</i> , 2016, 26, 26-32.	0.3	18
70	Muscle and skin sympathetic activities in Ross syndrome. <i>Clinical Neurophysiology</i> , 2012, 123, 1639-1643.	0.7	15
71	Differential trigeminal myelinated and unmyelinated nerve fiber involvement in FOSMN syndrome. <i>Neurology</i> , 2015, 84, 540-542.	1.5	15
72	Unusual Stüve-Wiedemann syndrome with complete maternal chromosome 5 isodisomy. <i>Annals of Clinical and Translational Neurology</i> , 2014, 1, 926-932.	1.7	14

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73	A novel autosomal dominant <i>GDAP1</i> mutation in an Italian CMT2 family. <i>Journal of the Peripheral Nervous System</i> , 2012, 17, 351-355.	1.4	13
74	Cutaneous sensory and autonomic denervation in CADASIL. <i>Neurology</i> , 2016, 86, 1039-1044.	1.5	13
75	Ross syndrome. <i>Neurology</i> , 2013, 80, 417-418.	1.5	12
76	Differential myelinated and unmyelinated sensory and autonomic skin nerve fiber involvement in patients with ophthalmic postherpetic neuralgia. <i>Frontiers in Neuroanatomy</i> , 2015, 9, 105.	0.9	12
77	An altered lipid metabolism characterizes Charcot-Marie-Tooth type 2B peripheral neuropathy. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2020, 1865, 158805.	1.2	12
78	The puzzle of fibromyalgia between central sensitization syndrome and small fiber neuropathy: a narrative review on neurophysiological and morphological evidence. <i>Neurological Sciences</i> , 2022, 43, 1667-1684.	0.9	12
79	IN VIVO CONFOCAL MICROSCOPY OF MEISSNER CORPUSCLES AS A MEASURE OF SENSORY NEUROPATHY. <i>Neurology</i> , 2008, 71, 536-537.	1.5	11
80	Electrophysiological comparison between males and females in HNPP. <i>Neurological Sciences</i> , 2013, 34, 1429-1432.	0.9	10
81	Intraepidermal nerve fiber analysis using immunofluorescence with and without confocal microscopy. <i>Muscle and Nerve</i> , 2015, 51, 501-504.	1.0	10
82	A device to measure secretion of individual sweat glands for diagnosis of peripheral neuropathy. <i>Journal of the Peripheral Nervous System</i> , 2017, 22, 139-148.	1.4	10
83	Acetylcholinesterase inhibition and orthostatic hypotension. <i>Clinical Autonomic Research</i> , 2006, 16, 136-136.	1.4	9
84	Perioral skin biopsy to study skeletal muscle protein expression. <i>Muscle and Nerve</i> , 2010, 41, 392-398.	1.0	9
85	Tactile stimulation and mechanoreceptors in sensory neuropathies. <i>Neurological Sciences</i> , 2001, 22, S31-S36.	0.9	8
86	Axonal degeneration in systemic sclerosis can be reverted by factors improving tissue oxygenation. <i>Rheumatology</i> , 2007, 46, 1739-1741.	0.9	8
87	Postganglionic Sudomotor Assessment in Early Stage of Multiple System Atrophy and Parkinson Disease. <i>Neurology</i> , 2022, 98, .	1.5	8
88	Small fiber neuropathy in the chronic phase of Chagas disease: a case report. <i>Clinical Autonomic Research</i> , 2013, 23, 149-153.	1.4	7
89	Cutaneous sensory and autonomic denervation in progressive supranuclear palsy. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 653-663.	1.8	7
90	Mitochondria dysfunction in Charcot Marie Tooth 2B Peripheral Sensory Neuropathy. <i>Communications Biology</i> , 2022, 5, .	2.0	7

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91	A Device to Quantify Sweat in Single Sweat Glands to Diagnose Neuropathy. Journal of Medical Devices, Transactions of the ASME, 2013, 7, .	0.4	6
92	Possible contribution of vascular innervation to somatic sensory function. Pain, 2010, 151, 552-553.	2.0	5
93	A Delphi consensus statement of the Neuropathic Pain Special Interest Group of the Italian Neurological Society on pharmaco-resistant neuropathic pain. Neurological Sciences, 2019, 40, 1425-1431.	0.9	5
94	Insights into the pathogenesis of ATP1A1 -related CMT disease using patient-specific iPSCs. Journal of the Peripheral Nervous System, 2019, 24, 330-339.	1.4	4
95	A Model to Study Myelinated Fiber Degeneration and Regeneration in Human Skin. Annals of Neurology, 2020, 87, 456-465.	2.8	4
96	The analysis of epidermal nerve fibre spatial distribution improves the diagnostic yield of skin biopsy. Neuropathology and Applied Neurobiology, 2021, 47, 210-217.	1.8	4
97	Can we identify hereditary TTR amyloidosis by the screening of carpal tunnel syndrome patients?. Neurological Sciences, 2022, 43, 3435-3438.	0.9	4
98	Internodal length variability of dermal myelinated fibres. Brain, 2010, 133, e142-e142.	3.7	3
99	Mutilating fingertip ulcers in uncontrolled type 1 diabetes mellitus. Neurological Sciences, 2014, 35, 123-124.	0.9	3
100	Biomechanical and neuroautonomic adaptation to acute blood volume displacement in ischemic dilated cardiomyopathy: the predictive value of the CD25 test. Journal of Applied Physiology, 2020, 129, 1173-1182.	1.2	3
101	The impact of symptoms on daily life as perceived by patients with Charcot-Marie-Tooth type 1A disease. Neurological Sciences, 2022, 43, 559-563.	0.9	3
102	Efficacy-Safety Rate of Low Doses of Flunarizine in Childhood Migraine Treatment. Cephalalgia, 1989, 9, 12-12.	1.8	2
103	Ross syndrome: A lesson from a monozygotic twin pair. Neurology, 2013, 81, 1803-1803.	1.5	1
104	Generalized anhidrosis as first clinical presentation of systemic lupus erythematosus. Lupus, 2018, 27, 2296-2297.	0.8	1
105	Pathological evidence of adrenergic cardiac denervation in a patient with congestive heart failure. Cardiovascular Pathology, 2018, 36, 20-21.	0.7	1
106	Pharmacotherapy to prevent the onset of depression following traumatic brain injury. Expert Opinion on Pharmacotherapy, 2022, 23, 255-262.	0.9	1
107	Plasma Prolactin and Cortisol Responses to Opiate Receptor Antagonist in Menstrual Migraine Suffers and Controls. Cephalalgia, 1991, 11, 192-193.	1.8	0
108	Efficacy-Safety of a Chronic Treatment with Flunarizine Hydrochloride in Children Suffering from Migraine. Cephalalgia, 1991, 11, 126-126.	1.8	0

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109	M.P.4.02 Perioral skin biopsy to study skeletal muscle protein expression. <i>Neuromuscular Disorders</i> , 2009, 19, 604.	0.3	0
110	Microfabricated Structures for Evaluation of Tactile Sensitivity. , 2010, , .		0
111	Vascular bed and nerve vessels in the skin biopsy: Beyond intraepidermal nerve fibers. <i>Muscle and Nerve</i> , 2020, 62, 427-429.	1.0	0