Giovanni Cirillo

List of Publications by Year
in descending order

56 papers	1,608 citations	279798 23 h-index	302126 39 g-index
56 all docs	56 docs citations	56 times ranked	2458 citing authors

#	Article	IF	Citations
1	Altered Spinal Homeostasis and Maladaptive Plasticity in GFAP Null Mice Following Peripheral Nerve Injury. Cells, 2022, 11, 1224.	4.1	8
2	Matrix metalloproteinases, purinergic signaling, and epigenetics: hubs in the spinal neuroglial network following peripheral nerve injury. Histochemistry and Cell Biology, 2022, , 1.	1.7	2
3	Repetitive Transcranial Magnetic Stimulation (rTMS) of Dorsolateral Prefrontal Cortex May Influence Semantic Fluency and Functional Connectivity in Fronto-Parietal Network in Mild Cognitive Impairment (MCI). Biomedicines, 2022, 10, 994.	3.2	18
4	Unilateral polymicrogyria, hemispheric atrophy and spastic hemiparesis: rare etiologies for a common condition. Acta Neurologica Belgica, 2021, 121, 789-790.	1.1	0
5	Neurobiological After-Effects of Low Intensity Transcranial Electric Stimulation of the Human Nervous System: From Basic Mechanisms to Metaplasticity. Frontiers in Neurology, 2021, 12, 587771.	2.4	37
6	Editorial: Glial Cells, Maladaptive Plasticity, and Neurodegeneration: Mechanisms, Targeted Therapies, and Future Directions. Frontiers in Cellular Neuroscience, 2021, 15, 682524.	3.7	0
7	Fatigue in hypokinetic, hyperkinetic, and functional movement disorders. Parkinsonism and Related Disorders, 2021, 86, 114-123.	2.2	13
8	Whole plantar nerve conduction study: A new tool for early diagnosis of peripheral diabetic neuropathy. Diabetes Research and Clinical Practice, 2021, 176, 108856.	2.8	13
9	Changes in Corticospinal Circuits During Premovement Facilitation in Physiological Conditions. Frontiers in Human Neuroscience, 2021, 15, 684013.	2.0	4
10	Myasthenia gravis and telemedicine: a lesson from COVID-19 pandemic. Neurological Sciences, 2021, 42, 4889-4892.	1.9	21
11	Inhibition of plasminogen/plasmin system retrieves endogenous nerve growth factor and adaptive spinal synaptic plasticity following peripheral nerve injury. Neurochemistry International, 2021, 148, 105113.	3.8	8
12	Anti-MuSK ocular myasthenia with extrinsic ocular muscle atrophy: a new clinical phenotype?. Neurological Sciences, 2020, 41, 221-223.	1.9	6
13	Choreoâ€Athetosis and Ataxia as Leading Features in a Case of Erdheimâ€Chester Disease. Movement Disorders Clinical Practice, 2020, 7, 215-217.	1.5	3
14	Altered sensory-motor plasticity in amyotrophic lateral sclerosis and complex regional pain type I syndrome: a shared mechanism?. Neurological Sciences, 2020, 41, 1919-1921.	1.9	5
15	Erdheim-Chester disease: A challenging diagnosis for an effective therapy. Clinical Neurology and Neurosurgery, 2020, 194, 105841.	1.4	4
16	First steps for the development of silk fibroin-based 3D biohybrid retina for age-related macular degeneration (AMD). Journal of Neural Engineering, 2020, 17, 055003.	3.5	3
17	Whole body positron emission tomography-MRI of Erdheim-Chester disease: a case report. Quantitative Imaging in Medicine and Surgery, 2020, 10, 2379-2386.	2.0	2
18	Regional brain susceptibility to neurodegeneration: what is the role of glial cells?. Neural Regeneration Research, 2020, 15, 838.	3.0	51

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19	Clinicalâ€neurophysiological correlations in chronic inflammatory demyelinating polyradiculoneuropathy patients treated with subcutaneous immunoglobulin. Muscle and Nerve, 2019, 60, 662-667.	2.2	13
20	Right phrenic nerve palsy following transcatheter radiofrequency current atrial fibrillation ablation: Case report. Journal of International Medical Research, 2019, 47, 3438-3443.	1.0	2
21	Specific Expression of a New Bruton Tyrosine Kinase Isoform (p65BTK) in the Glioblastoma Gemistocytic Histotype. Frontiers in Molecular Neuroscience, 2019, 12, 2.	2.9	16
22	Selective Vulnerability of Basal Ganglia: Insights into the Mechanisms of Bilateral Striatal Necrosis. Journal of Neuropathology and Experimental Neurology, 2019, 78, 123-129.	1.7	21
23	Neural plasticity and adult neurogenesis: the deep biology perspective. Neural Regeneration Research, 2019, 14, 201.	3.0	26
24	Long-term neurophysiological and clinical response in patients with chronic inflammatory demyelinating polyradiculoneuropathy treated with subcutaneous immunoglobulin. Clinical Neurophysiology, 2018, 129, 967-973.	1.5	13
25	Stimulated single-fiber electromyography (sSFEMG) in Lambert-Eaton syndrome. Clinical Neurophysiology Practice, 2018, 3, 148-150.	1.4	3
26	Modulation of Matrix Metalloproteinases Activity in the Ventral Horn of the Spinal Cord Re-stores Neuroglial Synaptic Homeostasis and Neurotrophic Support following Peripheral Nerve Injury. PLoS ONE, 2016, 11, e0152750.	2.5	26
27	Divergent behavior of hydrogen sulfide pools and of the sulfur metabolite lanthionine, a novel uremic toxin, in dialysis patients. Biochimie, 2016, 126, 97-107.	2.6	37
28	Teaching Neuro Images : One-and-a-half Brown-SÃ©quard syndrome. Neurology, 2016, 87, e178-e179.	1.1	0
29	Lewisâ€“Sumner syndrome associated with infliximab therapy in ulcerative colitis. Neurological Sciences, 2016, 37, 1005-1008.	1.9	3
30	The differential diagnosis of myotonic syndromes: A case report-guided and neurophysiologic approach. Journal of the Neurological Sciences, 2016, 360, 98-99.	0.6	0
31	Astrocytes and Microglia-Mediated Immune Response in Maladaptive Plasticity is Differently Modulated by NGF in the Ventral Horn of the Spinal Cord Following Peripheral Nerve Injury. Cellular and Molecular Neurobiology, 2016, 36, 37-46.	3.3	34
32	Beyond peripheral nerve injury: spinal gliopathy and maladaptive synaptic plasticity. Neural Regeneration Research, 2016, 11, 1422.	3.0	5
33	Trophic support following peripheral axotomy show different behaviour of reactive microglia and astroglia in the ventral horn. SpringerPlus, 2015, 4, .	1.2	0
34	Purinergic Modulation of Spinal Neuroglial Maladaptive Plasticity Following Peripheral Nerve Injury. Molecular Neurobiology, 2015, 52, 1440-1457.	4.0	40
35	Astrocyteâ€“neuron interplay in maladaptive plasticity. Neuroscience and Biobehavioral Reviews, 2014, 42, 35-54.	6.1	89
36	Livedo and ischemic strokes: diagnostic hints of a rare condition. Neurological Sciences, 2013, 34, 2073-2075.	1.9	2

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37	Clinical and cognitive correlations of regional gray matter atrophy in progressive supranuclear palsy. Parkinsonism and Related Disorders, 2013, 19, 590-594.	2.2	30
38	Remodelling of supraspinal neuroglial network in neuropathic pain is featured by a reactive gliosis of the nociceptive amygdala. European Journal of Pain, 2013, 17, 799-810.	2.8	34
39	Clinical Reasoning: A 62-year-old man with right wrist drop. Neurology, 2013, 81, e81-4.	1.1	0
40	Amyotrophic Lateral Sclerosis and Multiple Sclerosis Overlap: A Case Report. Case Reports in Medicine, 2012, 2012, 1-4.	0.7	12
41	Regional Gray Matter Atrophy in Patients with Parkinson Disease and Freezing of Gait. American Journal of Neuroradiology, 2012, 33, 1804-1809.	2.4	109
42	Calcium Imaging of Living Astrocytes in the Mouse Spinal Cord following Sensory Stimulation. Neural Plasticity, 2012, 2012, 1-6.	2.2	23
43	Default-mode network connectivity in cognitively unimpaired patients with Parkinson disease. Neurology, 2012, 79, 2226-2232.	1.1	286
44	Methylphenidate administration determines enduring changes in neuroglial network in rats. European Neuropsychopharmacology, 2012, 22, 53-63.	0.7	23
45	Neuropathic pain and reactive gliosis are reversed by dialdehydic compound in neuropathic pain rat models. Neuroscience Letters, 2012, 530, 85-90.	2.1	10
46	BB14, a Nerve Growth Factor (NGF)-like peptide shown to be effective in reducing reactive astrogliosis and restoring synaptic homeostasis in a rat model of peripheral nerve injury. Biotechnology Advances, 2012, 30, 223-232.	11.7	41
47	Targeting reactive astrogliosis by novel biotechnological strategies. Biotechnology Advances, 2012, 30, 261-271.	11.7	42
48	Reactive astrocytosis-induced perturbation of synaptic homeostasis is restored by nerve growth factor. Neurobiology of Disease, 2011, 41, 630-639.	4.4	50
49	Crossâ€talk between cell cycle induction and mitochondrial dysfunction during oxidative stress and nerve growth factor withdrawal in differentiated PC12 cells. Journal of Neuroscience Research, 2011, 89, 1302-1315.	2.9	18
50	Intrathecal NGF Administration Reduces Reactive Astrocytosis and Changes Neurotrophin Receptors Expression Pattern in a Rat Model of Neuropathic Pain. Cellular and Molecular Neurobiology, 2010, 30, 51-62.	3.3	67
51	Discriminative behavioral assessment unveils remarkable reactive astrocytosis and early molecular correlates in basal ganglia of 3-nitropropionic acid subchronic treated rats. Neurochemistry International, 2010, 56, 152-160.	3.8	31
52	Neonatal separation stress reduces glial fibrillary acidic proteinâ€•and S100Î²â€‹mmunoreactive astrocytes in the rat medial precentral cortex. Developmental Neurobiology, 2009, 69, 203-211.	3.0	50
53	Methylphenidate to adolescent rats drives enduring changes of accumbal Htr7 expression: implications for impulsive behavior and neuronal morphology. Genes, Brain and Behavior, 2009, 8, 356-368.	2.2	66
54	A New Nerve Growth Factor-Mimetic Peptide Active on Neuropathic Pain in Rats. Journal of Neuroscience, 2008, 28, 2698-2709.	3.6	107

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55	Gliosis alters expression and uptake of spinal glial amino acid transporters in a mouse neuropathic pain model. Neuron Glia Biology, 2007, 3, 141-153.	1.6	55
56	Reactive astrocytosis and glial glutamate transporter clustering are early changes in a spinocerebellar ataxia type 1 transgenic mouse model. Neuron Glia Biology, 2007, 3, 335-351.	1.6	26