Giovanni Cirillo

List of Publications by Year
in descending order

56 papers	1,608 citations	279701 23 h-index	302012 39 g-index
56 all docs	56 docs citations	56 times ranked	2458 citing authors

#	Article	IF	Citations
1	Default-mode network connectivity in cognitively unimpaired patients with Parkinson disease. Neurology, 2012, 79, 2226-2232.	1.5	286
2	Regional Gray Matter Atrophy in Patients with Parkinson Disease and Freezing of Gait. American Journal of Neuroradiology, 2012, 33, 1804-1809.	1.2	109
3	A New Nerve Growth Factor-Mimetic Peptide Active on Neuropathic Pain in Rats. Journal of Neuroscience, 2008, 28, 2698-2709.	1.7	107
4	Astrocyteâ€“neuron interplay in maladaptive plasticity. Neuroscience and Biobehavioral Reviews, 2014, 42, 35-54.	2.9	89
5	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.	1.7	67
6	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.	1.1	66
7	Gliosis alters expression and uptake of spinal glial amino acid transporters in a mouse neuropathic pain model. Neuron Glia Biology, 2007, 3, 141-153.	2.0	55
8	Regional brain susceptibility to neurodegeneration: what is the role of glial cells?. Neural Regeneration Research, 2020, 15, 838.	1.6	51
9	Neonatal separation stress reduces glial fibrillary acidic proteinâ€•and S100Î²â€•immunoreactive astrocytes in the rat medial precentral cortex. Developmental Neurobiology, 2009, 69, 203-211.	1.5	50
10	Reactive astrocytosis-induced perturbation of synaptic homeostasis is restored by nerve growth factor. Neurobiology of Disease, 2011, 41, 630-639.	2.1	50
11	Targeting reactive astrogliosis by novel biotechnological strategies. Biotechnology Advances, 2012, 30, 261-271.	6.0	42
12	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.	6.0	41
13	Purinergic Modulation of Spinal Neuroglial Maladaptive Plasticity Following Peripheral Nerve Injury. Molecular Neurobiology, 2015, 52, 1440-1457.	1.9	40
14	Divergent behavior of hydrogen sulfide pools and of the sulfur metabolite lanthionine, a novel uremic toxin, in dialysis patients. Biochimie, 2016, 126, 97-107.	1.3	37
15	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.	1.1	37
16	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.	1.4	34
17	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.	1.7	34
18	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.	1.9	31

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19	Clinical and cognitive correlations of regional gray matter atrophy in progressive supranuclear palsy. Parkinsonism and Related Disorders, 2013, 19, 590-594.	1.1	30
20	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.	2.0	26
21	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.	1.1	26
22	Neural plasticity and adult neurogenesis: the deep biology perspective. Neural Regeneration Research, 2019, 14, 201.	1.6	26
23	Calcium Imaging of Living Astrocytes in the Mouse Spinal Cord following Sensory Stimulation. Neural Plasticity, 2012, 2012, 1-6.	1.0	23
24	Methylphenidate administration determines enduring changes in neuroglial network in rats. European Neuropsychopharmacology, 2012, 22, 53-63.	0.3	23
25	Selective Vulnerability of Basal Ganglia: Insights into the Mechanisms of Bilateral Striatal Necrosis. Journal of Neuropathology and Experimental Neurology, 2019, 78, 123-129.	0.9	21
26	Myasthenia gravis and telemedicine: a lesson from COVID-19 pandemic. Neurological Sciences, 2021, 42, 4889-4892.	0.9	21
27	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.	1.3	18
28	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.	1.4	18
29	Specific Expression of a New Bruton Tyrosine Kinase Isoform (p65BTK) in the Glioblastoma Gemistocytic Histotype. Frontiers in Molecular Neuroscience, 2019, 12, 2.	1.4	16
30	Long-term neurophysiological and clinical response in patients with chronic inflammatory demyelinating polyradiculoneuropathy treated with subcutaneous immunoglobulin. Clinical Neurophysiology, 2018, 129, 967-973.	0.7	13
31	Clinicalâ€neurophysiological correlations in chronic inflammatory demyelinating polyradiculoneuropathy patients treated with subcutaneous immunoglobulin. Muscle and Nerve, 2019, 60, 662-667.	1.0	13
32	Fatigue in hypokinetic, hyperkinetic, and functional movement disorders. Parkinsonism and Related Disorders, 2021, 86, 114-123.	1.1	13
33	Whole plantar nerve conduction study: A new tool for early diagnosis of peripheral diabetic neuropathy. Diabetes Research and Clinical Practice, 2021, 176, 108856.	1.1	13
34	Amyotrophic Lateral Sclerosis and Multiple Sclerosis Overlap: A Case Report. Case Reports in Medicine, 2012, 2012, 1-4.	0.3	12
35	Neuropathic pain and reactive gliosis are reversed by dialdehydic compound in neuropathic pain rat models. Neuroscience Letters, 2012, 530, 85-90.	1.0	10
36	Inhibition of plasminogen/plasmin system retrieves endogenous nerve growth factor and adaptive spinal synaptic plasticity following peripheral nerve injury. Neurochemistry International, 2021, 148, 105113.	1.9	8

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37	Altered Spinal Homeostasis and Maladaptive Plasticity in GFAP Null Mice Following Peripheral Nerve Injury. Cells, 2022, 11, 1224.	1.8	8
38	Anti-MuSK ocular myasthenia with extrinsic ocular muscle atrophy: a new clinical phenotype?. Neurological Sciences, 2020, 41, 221-223.	0.9	6
39	Altered sensory-motor plasticity in amyotrophic lateral sclerosis and complex regional pain type I syndrome: a shared mechanism?. Neurological Sciences, 2020, 41, 1919-1921.	0.9	5
40	Beyond peripheral nerve injury: spinal gliopathy and maladaptive synaptic plasticity. Neural Regeneration Research, 2016, 11, 1422.	1.6	5
41	Erdheim-Chester disease: A challenging diagnosis for an effective therapy. Clinical Neurology and Neurosurgery, 2020, 194, 105841.	0.6	4
42	Changes in Corticospinal Circuits During Premovement Facilitation in Physiological Conditions. Frontiers in Human Neuroscience, 2021, 15, 684013.	1.0	4
43	Lewisâ€“Sumner syndrome associated with infliximab therapy in ulcerative colitis. Neurological Sciences, 2016, 37, 1005-1008.	0.9	3
44	Stimulated single-fiber electromyography (sSFEMG) in Lambert-Eaton syndrome. Clinical Neurophysiology Practice, 2018, 3, 148-150.	0.6	3
45	Choreoâ€Athetosis and Ataxia as Leading Features in a Case of Erdheimâ€Chester Disease. Movement Disorders Clinical Practice, 2020, 7, 215-217.	0.8	3
46	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.	1.8	3
47	Livedo and ischemic strokes: diagnostic hints of a rare condition. Neurological Sciences, 2013, 34, 2073-2075.	0.9	2
48	Right phrenic nerve palsy following transcatheter radiofrequency current atrial fibrillation ablation: Case report. Journal of International Medical Research, 2019, 47, 3438-3443.	0.4	2
49	Whole body positron emission tomography-MRI of Erdheim-Chester disease: a case report. Quantitative Imaging in Medicine and Surgery, 2020, 10, 2379-2386.	1.1	2
50	Matrix metalloproteinases, purinergic signaling, and epigenetics: hubs in the spinal neuroglial network following peripheral nerve injury. Histochemistry and Cell Biology, 2022, , 1.	0.8	2
51	Clinical Reasoning: A 62-year-old man with right wrist drop. Neurology, 2013, 81, e81-4.	1.5	0
52	Trophic support following peripheral axotomy show different behaviour of reactive microglia and astroglia in the ventral horn. SpringerPlus, 2015, 4, .	1.2	0
53	Teaching Neuro Images : One-and-a-half Brown-SÃ©quard syndrome. Neurology, 2016, 87, e178-e179.	1.5	0
54	The differential diagnosis of myotonic syndromes: A case report-guided and neurophysiologic approach. Journal of the Neurological Sciences, 2016, 360, 98-99.	0.3	0

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55	Unilateral polymicrogyria, hemispheric atrophy and spastic hemiparesis: rare etiologies for a common condition. Acta Neurologica Belgica, 2021, 121, 789-790.	0.5	0
56	Editorial: Glial Cells, Maladaptive Plasticity, and Neurodegeneration: Mechanisms, Targeted Therapies, and Future Directions. Frontiers in Cellular Neuroscience, 2021, 15, 682524.	1.8	0