

Piergiorgio Lochner

List of Publications by Year in descending order

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Version: 2024-02-01

119
papers

2,357
citations

186265

28
h-index

276875

41
g-index

124
all docs

124
docs citations

124
times ranked

3207
citing authors

#	ARTICLE	IF	CITATIONS
1	Intra- and Interobserver Reliability of Sonographic Assessment of the Optic Nerve Sheath Diameter in Healthy Adults. <i>Journal of Neuroimaging</i> , 2012, 22, 42-45.	2.0	171
2	Does age influence early recovery from ischemic stroke?. <i>Journal of Neurology</i> , 2003, 250, 676-681.	3.6	86
3	COVID-19 pandemic-related anxiety, distress and burnout: prevalence and associated factors in healthcare workers of North-West Italy. <i>BJPsych Open</i> , 2021, 7, e27.	0.7	80
4	Optic nerve sheath diameter: present and future perspectives for neurologists and critical care physicians. <i>Neurological Sciences</i> , 2019, 40, 2447-2457.	1.9	72
5	Minimal hepatic encephalopathy: A review. <i>Neuroscience Research</i> , 2016, 111, 1-12.	1.9	62
6	Causes and Risk Factors of Cerebral Ischemic Events in Patients With Atrial Fibrillation Treated With Non-Vitamin K Antagonist Oral Anticoagulants for Stroke Prevention. <i>Stroke</i> , 2019, 50, 2168-2174.	2.0	59
7	Rodent, large animal and non-human primate models of spinal cord injury. <i>Zoology</i> , 2017, 123, 101-114.	1.2	57
8	rTMS of the prefrontal cortex has analgesic effects on neuropathic pain in subjects with spinal cord injury. <i>Spinal Cord</i> , 2017, 55, 20-25.	1.9	56
9	Seizures after Ischemic Stroke: A Matched Multicenter Study. <i>Annals of Neurology</i> , 2021, 90, 808-820.	5.3	54
10	Feasibility and usefulness of ultrasonography in idiopathic intracranial hypertension or secondary intracranial hypertension. <i>BMC Neurology</i> , 2016, 16, 85.	1.8	51
11	Cholinergic cortical circuits in Parkinson's disease and in progressive supranuclear palsy: a transcranial magnetic stimulation study. <i>Experimental Brain Research</i> , 2005, 163, 128-131.	1.5	47
12	Tongue biting in epileptic seizures and psychogenic events. <i>Epilepsy and Behavior</i> , 2012, 25, 251-255.	1.7	46
13	Web search behavior for multiple sclerosis: An infodemiological study. <i>Multiple Sclerosis and Related Disorders</i> , 2014, 3, 440-443.	2.0	46
14	Cabergoline reverses cortical hyperexcitability in patients with restless legs syndrome. <i>Acta Neurologica Scandinavica</i> , 2006, 114, 244-249.	2.1	43
15	Observational case-control study of the prevalence of chronic cerebrospinal venous insufficiency in multiple sclerosis: results from the CoSMo study. <i>Multiple Sclerosis Journal</i> , 2013, 19, 1508-1517.	3.0	42
16	Intra- and interobserver reliability of transorbital sonographic assessment of the optic nerve sheath diameter and optic nerve diameter in healthy adults. <i>Journal of Ultrasound</i> , 2016, 19, 41-45.	1.3	39
17	Transorbital Sonography in Acute Optic Neuritis: A Case-Control Study. <i>American Journal of Neuroradiology</i> , 2014, 35, 2371-2375.	2.4	38
18	Oxidative stress response to acute hypobaric hypoxia and its association with indirect measurement of increased intracranial pressure: a field study. <i>Scientific Reports</i> , 2016, 6, 32426.	3.3	36

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19	Cortical morphometric changes after spinal cord injury. Brain Research Bulletin, 2018, 137, 107-119.	3.0	35
20	B-Mode Transorbital Ultrasonography for the Diagnosis of Idiopathic Intracranial Hypertension: A Systematic Review and Meta-Analysis. Ultraschall in Der Medizin, 2019, 40, 247-252.	1.5	35
21	The contribution of neurophysiology in the diagnosis and management of cervical spondylotic myelopathy: a review. Spinal Cord, 2016, 54, 756-766.	1.9	34
22	Increased risk of stroke and myocardial infarction in patients with epilepsy: A systematic review of population-based cohort studies. Epilepsy and Behavior, 2020, 104, 106307.	1.7	34
23	Dopamine differently modulates central cholinergic circuits in patients with Alzheimer disease and CADASIL. Journal of Neural Transmission, 2014, 121, 1313-1320.	2.8	33
24	B-mode transorbital ultrasonography for the diagnosis of acute optic neuritis. A systematic review. Clinical Neurophysiology, 2016, 127, 803-809.	1.5	32
25	Effects of repetitive transcranial magnetic stimulation on nicotine consumption and craving: A systematic review. Psychiatry Research, 2019, 281, 112562.	3.3	32
26	Posterior circulation ischemia in patients with fetal-type circle of Willis and hypoplastic vertebrobasilar system. Neurological Sciences, 2011, 32, 1143-1146.	1.9	31
27	Abnormal intracortical facilitation in early-stage Huntington's disease. Clinical Neurophysiology, 2007, 118, 1149-1154.	1.5	30
28	Ultrasonography of the Optic Nerve Sheath Diameter for Diagnosis and Monitoring of Acute Mountain Sickness: A Systematic Review. High Altitude Medicine and Biology, 2015, 16, 195-203.	0.9	30
29	Canine degenerative myelopathy: a model of human amyotrophic lateral sclerosis. Zoology, 2016, 119, 64-73.	1.2	30
30	The Eligible Study: Ultrasound Assessment in Acute Ischemic Stroke within 3 Hours. Cerebrovascular Diseases, 2007, 24, 469-476.	1.7	28
31	Altered Motor Cortex Excitability to Magnetic Stimulation in Alcohol Withdrawal Syndrome. Alcoholism: Clinical and Experimental Research, 2010, 34, 628-632.	2.4	28
32	Factors associated with optic nerve sheath diameter during exposure to hypobaric hypoxia. Neurology, 2014, 82, 1914-1918.	1.1	28
33	Transcranial magnetic stimulation studies in complex regional pain syndrome type I: A review. Acta Neurologica Scandinavica, 2018, 137, 158-164.	2.1	28
34	Recurrent Ischemic Stroke and Bleeding in Patients With Atrial Fibrillation Who Suffered an Acute Stroke While on Treatment With Nonvitamin K Antagonist Oral Anticoagulants: The RENO-EXTEND Study. Stroke, 2022, 53, 2620-2627.	2.0	28
35	The clinical spectrum of reversible cerebral vasoconstriction syndrome: The Italian Project on Stroke at Young Age (IPSYS). Cephalalgia, 2019, 39, 1267-1276.	3.9	27
36	Abnormal sensorimotor integration is related to disease severity in Parkinson's disease: A TMS study. Movement Disorders, 2003, 18, 1316-1324.	3.9	26

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37	Wikipedia and neurological disorders. Journal of Clinical Neuroscience, 2015, 22, 1170-1172.	1.5	26
38	Serotonergic transmission after spinal cord injury. Journal of Neural Transmission, 2015, 122, 279-295.	2.8	26
39	Incidence of early poststroke seizures during reperfusion therapies in patients with acute ischemic stroke: An observational prospective study. Epilepsy and Behavior, 2020, 104, 106476.	1.7	26
40	Optic Nerve Sonography to Monitor Treatment Efficacy in Idiopathic Intracranial Hypertension: A Case Report. , 2013, 23, 533-534.		25
41	Jugular Valve Incompetence in Transient Global Amnesia. A Problem Revisited. Journal of Neuroimaging, 2014, 24, 479-483.	2.0	23
42	Spinal cord involvement in patients with cirrhosis. World Journal of Gastroenterology, 2014, 20, 2578.	3.3	23
43	Optic nerve sheath diameter asymmetry in healthy subjects and patients with intracranial hypertension. Neurological Sciences, 2020, 41, 329-333.	1.9	23
44	Ocular ultrasound for monitoring pseudotumor cerebri syndrome. Journal of Neurology, 2018, 265, 356-361.	3.6	22
45	Global, regional, and national burden of Guillain-Barré syndrome and its underlying causes from 1990 to 2019. Journal of Neuroinflammation, 2021, 18, 264.	7.2	22
46	Usefulness of EEG Techniques in Distinguishing Frontotemporal Dementia from Alzheimer's Disease and Other Dementias. Disease Markers, 2018, 2018, 1-9.	1.3	21
47	Non-invasive brain stimulation in the functional evaluation of alcohol effects and in the treatment of alcohol craving: A review. Neuroscience Research, 2012, 74, 169-176.	1.9	20
48	Chronic Cerebrospinal Venous Insufficiency Is Not Associated with Multiple Sclerosis and Its Severity: A Blind-Verified Study. PLoS ONE, 2013, 8, e56031.	2.5	20
49	Ultrasonography Monitoring of Optic Nerve Sheath Diameter and Retinal Vessels in Patients with Cerebral Hemorrhage. Journal of Neuroimaging, 2019, 29, 394-399.	2.0	20
50	Intravenous thrombolysis with tPA and cortical involvement increase the risk of early poststroke seizures: Results of a case-control study. Epilepsy and Behavior, 2020, 104, 106312.	1.7	20
51	Trigemino-Cervical Reflex Abnormalities in Patients With Migraine and Cluster Headache. Headache, 2008, 48, 578-585.	3.9	19
52	Ataxia in posterior circulation stroke: Clinical-MRI correlations. Journal of the Neurological Sciences, 2011, 300, 39-46.	0.6	18
53	Modafinil reverses hypoexcitability of the motor cortex in narcoleptic patients: A TMS study. Sleep Medicine, 2010, 11, 870-875.	1.6	16
54	Automatic Optic Nerve Measurement: A New Tool to Standardize Optic Nerve Assessment in Ultrasound B-Mode Images. Ultrasound in Medicine and Biology, 2020, 46, 1533-1544.	1.5	12

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55	Anxiety, Post-Traumatic Stress, and Burnout in Health Professionals during the COVID-19 Pandemic: Comparing Mental Health Professionals and Other Healthcare Workers. <i>Healthcare (Switzerland)</i> , 2021, 9, 635.	2.0	12
56	Sonography of optic nerve sheath diameter identifies patients with middle cerebral artery infarction at risk of a malignant course: a pilot prospective observational study. <i>Journal of Neurology</i> , 2020, 267, 2713-2720.	3.6	12
57	Changes in motor cortical excitability in humans following orally administered theophylline. <i>Neuroscience Letters</i> , 2004, 355, 65-68.	2.1	11
58	Incidence of transient global amnesia in Merano, province of Bolzano, Italy. <i>Acta Neurologica Belgica</i> , 2014, 114, 293-296.	1.1	11
59	Longitudinal Assessment of Transorbital Sonography, Visual Acuity, and Biomarkers for Inflammation and Axonal Injury in Optic Neuritis. <i>Disease Markers</i> , 2017, 2017, 1-5.	1.3	11
60	Point-of-Care Ultrasound in Neurology – Report of the EAN SPN/ESNCH/ERCnsono Neuro-POCUS Working Group. <i>Ultraschall in Der Medizin</i> , 2022, 43, 354-366.	1.5	11
61	Active regulation of cerebral venous tone: simultaneous arterial and venous transcranial Doppler sonography during a Valsalva manoeuvre. <i>European Journal of Applied Physiology</i> , 2010, 109, 691-697.	2.5	10
62	Transcranial magnetic stimulation in myoclonus of different aetiologies. <i>Brain Research Bulletin</i> , 2018, 140, 258-269.	3.0	10
63	Simulation and Experimental Characterization of Lateral Imaging Resolution of Ultrasound Systems and Assessment of System Suitability for Acoustic Optic Nerve Sheath Diameter Measurement. <i>Journal of Neuroimaging</i> , 2019, 29, 34-41.	2.0	10
64	Early poststroke seizures following thrombolysis and/or thrombectomy for acute stroke: Clinical and stroke characteristics. <i>Epilepsy and Behavior</i> , 2020, 104, 106353.	1.7	10
65	Sonographic and ophthalmic assessment of optic nerve in patients with idiopathic intracranial hypertension: A longitudinal study. <i>Journal of the Neurological Sciences</i> , 2021, 430, 118069.	0.6	10
66	Quality assessment of optic nerve sheath diameter ultrasonography: Scoping literature review and Delphi protocol. <i>Journal of Neuroimaging</i> , 2022, 32, 808-824.	2.0	10
67	Wegener’s Granulomatosis Presenting with Intracerebral Hemorrhages. <i>Cerebrovascular Diseases</i> , 2004, 17, 81-82.	1.7	9
68	Transient ischaemic attacks in two cases of internal carotid artery hypoplasia. <i>Neurological Sciences</i> , 2005, 26, 282-284.	1.9	9
69	Selenium supplementation for primary prevention of cardiovascular disease: Proof of no effectiveness. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, e2-e3.	2.6	9
70	Sonography of the optic nerve sheath beyond the hyperacute stage of intracerebral hemorrhage. <i>Journal of Ultrasound</i> , 2014, 17, 225-228.	1.3	9
71	“Magic Google in my Hand, Who is the Sickest in my Land?” <i>Canadian Journal of Neurological Sciences</i> , 2014, 41, 542-544.	0.5	9
72	Subjective memory impairment and cholinergic transmission: a TMS study. <i>Journal of Neural Transmission</i> , 2015, 122, 873-876.	2.8	9

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73	Effects of passive pedaling exercise on the intracortical inhibition in subjects with spinal cord injury. Brain Research Bulletin, 2016, 124, 144-149.	3.0	9
74	Effects of Subthalamic Nucleus Deep Brain Stimulation on Facial Emotion Recognition in Parkinson's Disease: A Critical Literature Review. Behavioural Neurology, 2020, 2020, 1-18.	2.1	9
75	Extramedullary Spinal Neurosarcoidosis: Report of Two Cases. European Neurology, 2005, 54, 220-224.	1.4	8
76	Magnetic resonance imaging and motor-evoked potentials in spinal cord infarction: report of two cases. Neurological Sciences, 2010, 31, 505-509.	1.9	8
77	Usefulness of ultrasonography in posterior reversible encephalopathy syndrome. Neurological Sciences, 2014, 35, 475-477.	1.9	8
78	Transorbital Sonography and Visual Outcome for the Diagnosis and Monitoring of Optic Neuritis. Journal of Neuroimaging, 2017, 27, 92-96.	2.0	8
79	What is the Current Role for Vitamin D and the Risk of Stroke?. Current Neurovascular Research, 2019, 16, 178-183.	1.1	8
80	Transitory stapedial myoclonus in a patient with benign fasciculation syndrome. Journal of Laryngology and Otology, 2013, 127, 605-606.	0.8	7
81	The diagnosis of posterior reversible encephalopathy syndrome. Lancet Neurology, The, 2015, 14, 1074-1075.	10.2	7
82	Clinical and magnetic resonance imaging monitoring in progressive multifocal leukoencephalopathy treated with pembrolizumab: a case report. Neurological Sciences, 2021, 42, 357-359.	1.9	7
83	Risk Factors for Intracerebral Hemorrhage in Patients With Atrial Fibrillation on Non-Vitamin K Antagonist Oral Anticoagulants for Stroke Prevention. Stroke, 2021, 52, 1450-1454.	2.0	7
84	Transcranial magnetic stimulation shows impaired transcallosal inhibition in Marchiafava-Bignami syndrome. European Journal of Neurology, 2006, 13, 749-753.	3.3	6
85	Total Body Water Dynamics Estimated with Bioelectrical Impedance Vector Analysis and B-Type Natriuretic Peptide After Exposure to Hypobaric Hypoxia: A Field Study. High Altitude Medicine and Biology, 2017, 18, 384-391.	0.9	6
86	Case report: cerebral sinus vein thrombosis in two patients with AstraZeneca SARS-CoV-2 vaccination. Journal of Neurology, 2022, 269, 583-586.	3.6	6
87	Premorbid frailty predicts short- and long-term outcomes of reperfusion treatment in acute stroke. Journal of Neurology, 2022, 269, 3338-3342.	3.6	6
88	Persistent Trigeminal Artery: An Unusual Rescue Vessel Collateralization?. Canadian Journal of Neurological Sciences, 2013, 40, 429-430.	0.5	5
89	A reliability study of colour-Doppler sonography for the diagnosis of chronic cerebrospinal venous insufficiency shows low inter-rater agreement. BMJ Open, 2013, 3, e003508.	1.9	4
90	Isolated Hand Palsy in National Institutes of Health Stroke Scale (NIHSS): Is It Useful?. Western Journal of Emergency Medicine, 2018, 19, 524-526.	1.1	4

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91	Brain functional reorganization in children with hemiplegic cerebral palsy: Assessment with TMS and therapeutic perspectives. <i>Neurophysiologie Clinique</i> , 2021, 51, 391-408.	2.2	4
92	Reorganizing stroke and neurological intensive care during the COVID-19 pandemic in Germany. <i>Acta Biomedica</i> , 2021, 92, e2021266.	0.3	4
93	Central motor and sensory conduction in patients with hepatic myelopathy. <i>Spinal Cord</i> , 2014, 52, 439-443.	1.9	3
94	Transcranial Doppler Ultrasonography in Pre-hospital Management of Stroke: Can it make a Difference?. <i>Current Medical Imaging</i> , 2021, 17, 850-853.	0.8	3
95	Bilateral vertical gaze palsy in unilateral mesodiencephalic junction lesion: A case series. <i>Neurology India</i> , 2013, 61, 170.	0.4	2
96	Optic Nerve Sonography in a Patient with Osteopetrosis. <i>Canadian Journal of Neurological Sciences</i> , 2014, 41, 400-401.	0.5	2
97	Diagnosis and classification of optic neuropathies. <i>Lancet Neurology</i> , The, 2017, 16, 342-343.	10.2	2
98	Transcranial Color-Coded Sonography for Monitoring Idiopathic Intracranial Hypertension. <i>Ultraschall in Der Medizin</i> , 2019, 40, 473-475.	1.5	2
99	Rare cerebral vein thrombosis and COVID-19 vaccine: the role of orbit ultrasound. <i>Neurological Sciences</i> , 2022, , 1.	1.9	2
100	Paradoxical brain embolism caused by an arterial-venous fistula: a diagnostic pitfall. <i>Neurological Sciences</i> , 2010, 31, 341-343.	1.9	1
101	Corticospinal tract dysfunction in a patient with acute motor axonal neuropathy (AMAN). <i>Clinical Neurology and Neurosurgery</i> , 2011, 113, 779-781.	1.4	1
102	Aspirin for Primary Prevention of Atherothrombotic Vascular Events: How Much "Conclusive" Is "Conclusive"? <i>American Journal of Cardiology</i> , 2013, 112, 910.	1.6	1
103	Optic Nerve Sheath Diameter Changes Induced by Hypobaric Hypoxia. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 457-458.	1.7	1
104	Automatic segmentation of the optic nerve in transorbital ultrasound images using a deep learning approach. , 2021, , .		1
105	Hemiparkinson-hemiatrophy syndrome: a transcranial magnetic stimulation study. <i>Electromyography and Clinical Neurophysiology</i> , 2003, 43, 235-40.	0.2	1
106	Transorbital Sonography for Monitoring Neuromyelitis Optica: a Case Report. <i>SN Comprehensive Clinical Medicine</i> , 2022, 4, .	0.6	1
107	Transorbital sonography in the hyperacute stage of optic neuritis: A bicentric case-INS;control longitudinal, blind study. <i>Journal of the Neurological Sciences</i> , 2013, 333, e377.	0.6	0
108	Superficial cerebral siderosis as stroke-mimic. <i>Acta Neurologica Belgica</i> , 2014, 114, 149-150.	1.1	0

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109	Atlanto-axial erosion as the presenting manifestation of systemic tuberculosis: a tricky diagnosis in western countries. <i>Acta Neurologica Belgica</i> , 2014, 114, 321-323.	1.1	0
110	Chronic cerebrospinal venous insufficiency is not associated with chronic venous disorders: A caseâ€“control study. <i>Phlebology</i> , 2015, 30, 736-738.	1.2	0
111	Editorial: Statins and Tissue Plasminogen Activator for Stroke: A Beneficial Combination?. <i>Current Vascular Pharmacology</i> , 2016, 14, 302-303.	1.7	0
112	Response to â€œOptic Nerve Sheath Diameter is not Related to Intracranial Pressure in Subarachnoid Hemorrhage Patientsâ€“by Zoerle T et al.. <i>Neurocritical Care</i> , 2020, 33, 619-620.	2.4	0
113	Posterior reversible encephalopathy syndrome: role of transorbital ultrasound. <i>Neurological Sciences</i> , 2021, 42, 1171-1174.	1.9	0
114	Encephalitis during first year of SARS-COV-2 pandemicâ€“ first results of the European ENCOVID registry. <i>Journal of the Neurological Sciences</i> , 2021, 429, 117803.	0.6	0
115	Frailty predicts short and long term outcomes of reperfusion treatment in acute stroke. <i>Journal of the Neurological Sciences</i> , 2021, 429, 118734.	0.6	0
116	Neuromyelitis optica with syringomyelia: A case report and neurosonological follow up. <i>Journal of the Neurological Sciences</i> , 2021, 429, 118287.	0.6	0
117	Brain US in the Neurological Settings. , 2021, , 193-204.		0
118	Improved Efficacy of Pregabalin by Restoring Plasma Vitamin D Levels in Migraine: a Case Report. <i>Psychopharmacology Bulletin</i> , 2019, 49, 41-45.	0.0	0
119	Ischemic Strokeâ€“A Scientometric Analysis. <i>Frontiers in Neurology</i> , 2022, 13, 893121.	2.4	0