

Piergiorgio Lochner

List of Publications by Year in descending order

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119
papers

2,357
citations

185998

28
h-index

276539

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.	1.0	171
2	Does age influence early recovery from ischemic stroke?. <i>Journal of Neurology</i> , 2003, 250, 676-681.	1.8	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.	0.3	80
4	Optic nerve sheath diameter: present and future perspectives for neurologists and critical care physicians. <i>Neurological Sciences</i> , 2019, 40, 2447-2457.	0.9	72
5	Minimal hepatic encephalopathy: A review. <i>Neuroscience Research</i> , 2016, 111, 1-12.	1.0	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.	1.0	59
7	Rodent, large animal and non-human primate models of spinal cord injury. <i>Zoology</i> , 2017, 123, 101-114.	0.6	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.	0.9	56
9	Seizures after Ischemic Stroke: A Matched Multicenter Study. <i>Annals of Neurology</i> , 2021, 90, 808-820.	2.8	54
10	Feasibility and usefulness of ultrasonography in idiopathic intracranial hypertension or secondary intracranial hypertension. <i>BMC Neurology</i> , 2016, 16, 85.	0.8	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.	0.7	47
12	Tongue biting in epileptic seizures and psychogenic events. <i>Epilepsy and Behavior</i> , 2012, 25, 251-255.	0.9	46
13	Web search behavior for multiple sclerosis: An infodemiological study. <i>Multiple Sclerosis and Related Disorders</i> , 2014, 3, 440-443.	0.9	46
14	Cabergoline reverses cortical hyperexcitability in patients with restless legs syndrome. <i>Acta Neurologica Scandinavica</i> , 2006, 114, 244-249.	1.0	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.	1.4	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.	0.7	39
17	Transorbital Sonography in Acute Optic Neuritis: A Case-Control Study. <i>American Journal of Neuroradiology</i> , 2014, 35, 2371-2375.	1.2	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.	1.6	36

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19	Cortical morphometric changes after spinal cord injury. <i>Brain Research Bulletin</i> , 2018, 137, 107-119.	1.4	35
20	B-Mode Transorbital Ultrasonography for the Diagnosis of Idiopathic Intracranial Hypertension: A Systematic Review and Meta-Analysis. <i>Ultraschall in Der Medizin</i> , 2019, 40, 247-252.	0.8	35
21	The contribution of neurophysiology in the diagnosis and management of cervical spondylotic myelopathy: a review. <i>Spinal Cord</i> , 2016, 54, 756-766.	0.9	34
22	Increased risk of stroke and myocardial infarction in patients with epilepsy: A systematic review of population-based cohort studies. <i>Epilepsy and Behavior</i> , 2020, 104, 106307.	0.9	34
23	Dopamine differently modulates central cholinergic circuits in patients with Alzheimer disease and CADASIL. <i>Journal of Neural Transmission</i> , 2014, 121, 1313-1320.	1.4	33
24	B-mode transorbital ultrasonography for the diagnosis of acute optic neuritis. A systematic review. <i>Clinical Neurophysiology</i> , 2016, 127, 803-809.	0.7	32
25	Effects of repetitive transcranial magnetic stimulation on nicotine consumption and craving: A systematic review. <i>Psychiatry Research</i> , 2019, 281, 112562.	1.7	32
26	Posterior circulation ischemia in patients with fetal-type circle of Willis and hypoplastic vertebrobasilar system. <i>Neurological Sciences</i> , 2011, 32, 1143-1146.	0.9	31
27	Abnormal intracortical facilitation in early-stage Huntington's disease. <i>Clinical Neurophysiology</i> , 2007, 118, 1149-1154.	0.7	30
28	Ultrasonography of the Optic Nerve Sheath Diameter for Diagnosis and Monitoring of Acute Mountain Sickness: A Systematic Review. <i>High Altitude Medicine and Biology</i> , 2015, 16, 195-203.	0.5	30
29	Canine degenerative myelopathy: a model of human amyotrophic lateral sclerosis. <i>Zoology</i> , 2016, 119, 64-73.	0.6	30
30	The Eligible Study: Ultrasound Assessment in Acute Ischemic Stroke within 3 Hours. <i>Cerebrovascular Diseases</i> , 2007, 24, 469-476.	0.8	28
31	Altered Motor Cortex Excitability to Magnetic Stimulation in Alcohol Withdrawal Syndrome. <i>Alcoholism: Clinical and Experimental Research</i> , 2010, 34, 628-632.	1.4	28
32	Factors associated with optic nerve sheath diameter during exposure to hypobaric hypoxia. <i>Neurology</i> , 2014, 82, 1914-1918.	1.5	28
33	Transcranial magnetic stimulation studies in complex regional pain syndrome type I: A review. <i>Acta Neurologica Scandinavica</i> , 2018, 137, 158-164.	1.0	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. <i>Stroke</i> , 2022, 53, 2620-2627.	1.0	28
35	The clinical spectrum of reversible cerebral vasoconstriction syndrome: The Italian Project on Stroke at Young Age (IPSYS). <i>Cephalgia</i> , 2019, 39, 1267-1276.	1.8	27
36	Abnormal sensorimotor integration is related to disease severity in Parkinson's disease: A TMS study. <i>Movement Disorders</i> , 2003, 18, 1316-1324.	2.2	26

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37	Wikipedia and neurological disorders. <i>Journal of Clinical Neuroscience</i> , 2015, 22, 1170-1172.	0.8	26
38	Serotonergic transmission after spinal cord injury. <i>Journal of Neural Transmission</i> , 2015, 122, 279-295.	1.4	26
39	Incidence of early poststroke seizures during reperfusion therapies in patients with acute ischemic stroke: An observational prospective study. <i>Epilepsy and Behavior</i> , 2020, 104, 106476.	0.9	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. <i>Journal of Neuroimaging</i> , 2014, 24, 479-483.	1.0	23
42	Spinal cord involvement in patients with cirrhosis. <i>World Journal of Gastroenterology</i> , 2014, 20, 2578.	1.4	23
43	Optic nerve sheath diameter asymmetry in healthy subjects and patients with intracranial hypertension. <i>Neurological Sciences</i> , 2020, 41, 329-333.	0.9	23
44	Ocular ultrasound for monitoring pseudotumor cerebri syndrome. <i>Journal of Neurology</i> , 2018, 265, 356-361.	1.8	22
45	Global, regional, and national burden of Guillain-Barré syndrome and its underlying causes from 1990 to 2019. <i>Journal of Neuroinflammation</i> , 2021, 18, 264.	3.1	22
46	Usefulness of EEG Techniques in Distinguishing Frontotemporal Dementia from Alzheimer's Disease and Other Dementias. <i>Disease Markers</i> , 2018, 2018, 1-9.	0.6	21
47	Non-invasive brain stimulation in the functional evaluation of alcohol effects and in the treatment of alcohol craving: A review. <i>Neuroscience Research</i> , 2012, 74, 169-176.	1.0	20
48	Chronic Cerebrospinal Venous Insufficiency Is Not Associated with Multiple Sclerosis and Its Severity: A Blind-Verified Study. <i>PLoS ONE</i> , 2013, 8, e56031.	1.1	20
49	Ultrasonography Monitoring of Optic Nerve Sheath Diameter and Retinal Vessels in Patients with Cerebral Hemorrhage. <i>Journal of Neuroimaging</i> , 2019, 29, 394-399.	1.0	20
50	Intravenous thrombolysis with tPA and cortical involvement increase the risk of early poststroke seizures: Results of a case-control study. <i>Epilepsy and Behavior</i> , 2020, 104, 106312.	0.9	20
51	Trigemino-Cervical Reflex Abnormalities in Patients With Migraine and Cluster Headache. <i>Headache</i> , 2008, 48, 578-585.	1.8	19
52	Ataxia in posterior circulation stroke: Clinical-MRI correlations. <i>Journal of the Neurological Sciences</i> , 2011, 300, 39-46.	0.3	18
53	Modafinil reverses hypoexcitability of the motor cortex in narcoleptic patients: A TMS study. <i>Sleep Medicine</i> , 2010, 11, 870-875.	0.8	16
54	Automatic Optic Nerve Measurement: A New Tool to Standardize Optic Nerve Assessment in Ultrasound B-Mode Images. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 1533-1544.	0.7	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.	1.0	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.	1.8	12
57	Changes in motor cortical excitability in humans following orally administered theophylline. <i>Neuroscience Letters</i> , 2004, 355, 65-68.	1.0	11
58	Incidence of transient global amnesia in Merano, province of Bolzano, Italy. <i>Acta Neurologica Belgica</i> , 2014, 114, 293-296.	0.5	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.	0.6	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.	0.8	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.	1.2	10
62	Transcranial magnetic stimulation in myoclonus of different aetiologies. <i>Brain Research Bulletin</i> , 2018, 140, 258-269.	1.4	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.	1.0	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.	0.9	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.	0.3	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.	1.0	10
67	Wegener's Granulomatosis Presenting with Intracerebral Hemorrhages. <i>Cerebrovascular Diseases</i> , 2004, 17, 81-82.	0.8	9
68	Transient ischaemic attacks in two cases of internal carotid artery hypoplasia. <i>Neurological Sciences</i> , 2005, 26, 282-284.	0.9	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.	1.1	9
70	Sonography of the optic nerve sheath beyond the hyperacute stage of intracerebral hemorrhage. <i>Journal of Ultrasound</i> , 2014, 17, 225-228.	0.7	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.	0.3	9
72	Subjective memory impairment and cholinergic transmission: a TMS study. <i>Journal of Neural Transmission</i> , 2015, 122, 873-876.	1.4	9

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73	Effects of passive pedaling exercise on the intracortical inhibition in subjects with spinal cord injury. <i>Brain Research Bulletin</i> , 2016, 124, 144-149.	1.4	9
74	Effects of Subthalamic Nucleus Deep Brain Stimulation on Facial Emotion Recognition in Parkinsonâ€™s Disease: A Critical Literature Review. <i>Behavioural Neurology</i> , 2020, 2020, 1-18.	1.1	9
75	Extramedullary Spinal Neurosarcoidosis: Report of Two Cases. <i>European Neurology</i> , 2005, 54, 220-224.	0.6	8
76	Magnetic resonance imaging and motor-evoked potentials in spinal cord infarction: report of two cases. <i>Neurological Sciences</i> , 2010, 31, 505-509.	0.9	8
77	Usefulness of ultrasonography in posterior reversible encephalopathy syndrome. <i>Neurological Sciences</i> , 2014, 35, 475-477.	0.9	8
78	Transorbital Sonography and Visual Outcome for the Diagnosis and Monitoring of Optic Neuritis. <i>Journal of Neuroimaging</i> , 2017, 27, 92-96.	1.0	8
79	What is the Current Role for Vitamin D and the Risk of Stroke?. <i>Current Neurovascular Research</i> , 2019, 16, 178-183.	0.4	8
80	Transitory stapedal myoclonus in a patient with benign fasciculation syndrome. <i>Journal of Laryngology and Otology</i> , 2013, 127, 605-606.	0.4	7
81	The diagnosis of posterior reversible encephalopathy syndrome. <i>Lancet Neurology</i> , The, 2015, 14, 1074-1075.	4.9	7
82	Clinical and magnetic resonance imaging monitoring in progressive multifocal leukoencephalopathy treated with pembrolizumab: a case report. <i>Neurological Sciences</i> , 2021, 42, 357-359.	0.9	7
83	Risk Factors for Intracerebral Hemorrhage in Patients With Atrial Fibrillation on Nonâ€™ Vitamin K Antagonist Oral Anticoagulants for Stroke Prevention. <i>Stroke</i> , 2021, 52, 1450-1454.	1.0	7
84	Transcranial magnetic stimulation shows impaired transcallosal inhibition in Marchiafava-Bignami syndrome. <i>European Journal of Neurology</i> , 2006, 13, 749-753.	1.7	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. <i>High Altitude Medicine and Biology</i> , 2017, 18, 384-391.	0.5	6
86	Case report: cerebral sinus vein thrombosis in two patients with AstraZeneca SARS-CoV-2 vaccination. <i>Journal of Neurology</i> , 2022, 269, 583-586.	1.8	6
87	Premorbid frailty predicts short- and long-term outcomes of reperfusion treatment in acute stroke. <i>Journal of Neurology</i> , 2022, 269, 3338-3342.	1.8	6
88	Persistent Trigeminal Artery: An Unusual Rescue Vessel Collateralization?. <i>Canadian Journal of Neurological Sciences</i> , 2013, 40, 429-430.	0.3	5
89	A reliability study of colour-Doppler sonography for the diagnosis of chronic cerebrospinal venous insufficiency shows low inter-rater agreement. <i>BMJ Open</i> , 2013, 3, e003508.	0.8	4
90	Isolated Hand Palsy in National Institutes of Health Stroke Scale (NIHSS): Is It Useful?. <i>Western Journal of Emergency Medicine</i> , 2018, 19, 524-526.	0.6	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.	1.0	4
92	Reorganizing stroke and neurological intensive care during the COVID-19 pandemic in Germany. <i>Acta Biomedica</i> , 2021, 92, e2021266.	0.2	4
93	Central motor and sensory conduction in patients with hepatic myelopathy. <i>Spinal Cord</i> , 2014, 52, 439-443.	0.9	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.	0.4	3
95	Bilateral vertical gaze palsy in unilateral mesodiencephalic junction lesion: A case series. <i>Neurology India</i> , 2013, 61, 170.	0.2	2
96	Optic Nerve Sonography in a Patient with Osteopetrosis. <i>Canadian Journal of Neurological Sciences</i> , 2014, 41, 400-401.	0.3	2
97	Diagnosis and classification of optic neuropathies. <i>Lancet Neurology</i> , The, 2017, 16, 342-343.	4.9	2
98	Transcranial Color-Coded Sonography for Monitoring Idiopathic Intracranial Hypertension. <i>Ultraschall in Der Medizin</i> , 2019, 40, 473-475.	0.8	2
99	Rare cerebral vein thrombosis and COVID-19 vaccine: the role of orbit ultrasound. <i>Neurological Sciences</i> , 2022, , 1.	0.9	2
100	Paradoxical brain embolism caused by an arterial-venous fistula: a diagnostic pitfall. <i>Neurological Sciences</i> , 2010, 31, 341-343.	0.9	1
101	Corticospinal tract dysfunction in a patient with acute motor axonal neuropathy (AMAN). <i>Clinical Neurology and Neurosurgery</i> , 2011, 113, 779-781.	0.6	1
102	Aspirin for Primary Prevention of Atherothrombotic Vascular Events: How Much "Conclusive" is "Conclusive"? <i>American Journal of Cardiology</i> , 2013, 112, 910.	0.7	1
103	Optic Nerve Sheath Diameter Changes Induced by Hypobaric Hypoxia. <i>Journal of Ultrasound in Medicine</i> , 2016, 35, 457-458.	0.8	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, .	0.3	1
107	Transorbital sonography in the hyperacute stage of optic neuritis: A bicentric case "control longitudinal, blind study. <i>Journal of the Neurological Sciences</i> , 2013, 333, e377.	0.3	0
108	Superficial cerebral siderosis as stroke-mimic. <i>Acta Neurologica Belgica</i> , 2014, 114, 149-150.	0.5	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.	0.5	0
110	Chronic cerebrospinal venous insufficiency is not associated with chronic venous disorders: A caseâ€“control study. <i>Phlebology</i> , 2015, 30, 736-738.	0.6	0
111	Editorial: Statins and Tissue Plasminogen Activator for Stroke: A Beneficial Combination?. <i>Current Vascular Pharmacology</i> , 2016, 14, 302-303.	0.8	0
112	Response to â€“Optic 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.	1.2	0
113	Posterior reversible encephalopathy syndrome: role of transorbital ultrasound. <i>Neurological Sciences</i> , 2021, 42, 1171-1174.	0.9	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.	0.3	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.	0.3	0
116	Neuromyelitis optica with syringomyelia: A case report and neurosonological follow up. <i>Journal of the Neurological Sciences</i> , 2021, 429, 118287.	0.3	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.	1.1	0