

Werner J Z'graggen

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,134
citations

361413

20
h-index

434195

31
g-index

65
all docs

65
docs citations

65
times ranked

1215
citing authors

#	ARTICLE	IF	CITATIONS
1	Diskogenic microspurs as a major cause of intractable spontaneous intracranial hypotension. <i>Neurology</i> , 2016, 87, 1220-1226.	1.1	106
2	Dysfunction of respiratory muscles in critically ill patients on the intensive care unit. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2016, 7, 403-412.	7.3	86
3	Muscular weakness and muscle wasting in the critically ill. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1399-1412.	7.3	72
4	Velocity recovery cycles of human muscle action potentials and their sensitivity to ischemia. <i>Muscle and Nerve</i> , 2009, 39, 616-626.	2.2	59
5	Management of spontaneous intracranial hypotension – Transorbital ultrasound as discriminator. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 650-655.	1.9	51
6	Incidence and Outcome of Aneurysmal Subarachnoid Hemorrhage. <i>Stroke</i> , 2021, 52, 344-347.	2.0	49
7	Survival and Outcome After Poor-Grade Aneurysmal Subarachnoid Hemorrhage in Elderly Patients. <i>Stroke</i> , 2018, 49, 2883-2889.	2.0	46
8	Insights into the natural history of spontaneous intracranial hypotension from infusion testing. <i>Neurology</i> , 2020, 95, e247-e255.	1.1	33
9	Neurally adjusted ventilatory assist in patients with critical illness-associated polyneuromyopathy. <i>Intensive Care Medicine</i> , 2011, 37, 1951-1961.	8.2	31
10	Chloride channels in myotonia congenita assessed by velocity recovery cycles. <i>Muscle and Nerve</i> , 2014, 49, 845-857.	2.2	31
11	Feasibility and Safety of Repeat Instant Endovascular Interventions in Patients with Refractory Cerebral Vasospasms. <i>American Journal of Neuroradiology</i> , 2017, 38, 561-567.	2.4	29
12	Membrane dysfunction in Andersen-Tawil syndrome assessed by velocity recovery cycles. <i>Muscle and Nerve</i> , 2012, 46, 193-203.	2.2	28
13	Velocity recovery cycles of human muscle action potentials: Repeatability and variability. <i>Clinical Neurophysiology</i> , 2011, 122, 2294-2299.	1.5	25
14	Muscle velocity recovery cycles: Effects of repetitive stimulation on two muscles. <i>Muscle and Nerve</i> , 2012, 46, 102-111.	2.2	25
15	Comparison of the Incidence and Severity of Traumatic Brain Injury Caused by Electrical Bicycle and Bicycle Accidents – A Retrospective Cohort Study From a Swiss Level I Trauma Center. <i>World Neurosurgery</i> , 2019, 126, e1023-e1034.	1.3	23
16	Critical Illness Myopathy. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 200-204.	1.7	23
17	Critical Illness Neuropathy. <i>Journal of Clinical Neurophysiology</i> , 2020, 37, 205-207.	1.7	23
18	Potassium and the Excitability Properties of Normal Human Motor Axons In Vivo. <i>PLoS ONE</i> , 2014, 9, e98262.	2.5	22

#	ARTICLE	IF	CITATIONS
19	Sonography of the optic nerve sheath diameter before and after microsurgical closure of a dural CSF fistula in patients with spontaneous intracranial hypotension – a consecutive cohort study. Cephalalgia, 2019, 39, 306-315.	3.9	22
20	In vivo assessment of muscle membrane properties in the sodium channel myotonias. Muscle and Nerve, 2018, 57, 586-594.	2.2	20
21	No Routine Postoperative Head CT following Elective Craniotomy – A Paradigm Shift?. PLoS ONE, 2016, 11, e0153499.	2.5	20
22	Pancreatic necrosis infection due to Lactobacillus paracasei in an immunocompetent patient. Pancreatology, 2005, 5, 108-109.	1.1	16
23	<i>In vivo</i> assessment of muscle membrane properties in myotonic dystrophy. Muscle and Nerve, 2016, 54, 249-257.	2.2	16
24	Immunomodulatory treatment in postural tachycardia syndrome: A case series. European Journal of Neurology, 2021, 28, 1692-1697.	3.3	16
25	Validity of multi-fiber muscle velocity recovery cycles recorded at a single site using submaximal stimuli. Clinical Neurophysiology, 2012, 123, 2296-2305.	1.5	15
26	How safe are elective craniotomies in elderly patients in neurosurgery today? A prospective cohort study of 1452 consecutive cases. Journal of Neurosurgery, 2021, 134, 1113-1121.	1.6	13
27	Is myopathy part of long-Covid?. Clinical Neurophysiology, 2021, 132, 1241-1242.	1.5	13
28	Development and early diagnosis of critical illness myopathy in COVID-19 associated acute respiratory distress syndrome. Journal of Cachexia, Sarcopenia and Muscle, 2022, 13, 1883-1895.	7.3	13
29	Infection rate of emergency bolt-kit vs. non-emergency conventional implanted silver bearing external ventricular drainage catheters. Clinical Neurology and Neurosurgery, 2014, 122, 70-76.	1.4	12
30	Nerve membrane excitability testing. European Journal of Anaesthesiology, 2008, 25, 68-72.	1.7	11
31	Temperature dependency of human muscle velocity recovery cycles. Muscle and Nerve, 2012, 46, 264-266.	2.2	11
32	Venepuncture during head-up tilt testing in patients with suspected vasovagal syncope – implications for the test protocol. European Journal of Neurology, 2015, 22, 389-394.	3.3	11
33	Muscle membrane properties in A pig sepsis model: Effect of norepinephrine. Muscle and Nerve, 2018, 57, 808-813.	2.2	10
34	Efficiency of Iterative Metal Artifact Reduction Algorithm (iMAR) Applied to Brain Volume Perfusion CT in the Follow-up of Patients after Coiling or Clipping of Ruptured Brain Aneurysms. Scientific Reports, 2019, 9, 19423.	3.3	10
35	Herniation World Federation of Neurosurgical Societies Scale Improves Prediction of Outcome in Patients With Poor-Grade Aneurysmal Subarachnoid Hemorrhage. Stroke, 2022, 53, 2346-2351.	2.0	10
36	Preliminary Results of Emergency Computed Tomography-Guided Ventricular Drain Placement – Precision for the Most Difficult Cases. World Neurosurgery, 2018, 114, e1290-e1296.	1.3	9

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37	Clinical symptoms and results of autonomic function testing overlap in spontaneous intracranial hypotension and postural tachycardia syndrome. <i>Cephalalgia Reports</i> , 2018, 1, 251581631877377.	0.7	8
38	Repetitive Computed Tomography Perfusion for Detection of Cerebral Vasospasm-Related Hypoperfusion in Aneurysmal Subarachnoid Hemorrhage. <i>World Neurosurgery</i> , 2019, 121, e739-e746.	1.3	8
39	Muscle Velocity Recovery Cycles to Examine Muscle Membrane Properties. <i>Journal of Visualized Experiments</i> , 2020, , .	0.3	8
40	Force training induces changes in human muscle membrane properties. <i>Muscle and Nerve</i> , 2016, 54, 144-146.	2.2	7
41	SCN8A heterozygous variants are associated with anoxic-epileptic seizures. <i>American Journal of Medical Genetics, Part A</i> , 2020, 182, 1209-1216.	1.2	7
42	Somatosensory Evoked Potential and Transcranial Doppler Monitoring to Guide Shunting in Carotid Endarterectomy. <i>Journal of Neurological Surgery, Part A: Central European Neurosurgery</i> , 2021, 82, 299-307.	0.8	6
43	Inhaled Nitric Oxide Treatment for Aneurysmal SAH Patients With Delayed Cerebral Ischemia. <i>Frontiers in Neurology</i> , 2022, 13, 817072.	2.4	6
44	Traumatic subarachnoid hemorrhage, basal ganglia hematoma and ischemic stroke caused by a torn lenticulostriate artery. <i>Acta Neurochirurgica</i> , 2012, 154, 59-62.	1.7	5
45	Esophageal versus surface recording of diaphragm compound muscle action potential. <i>Muscle and Nerve</i> , 2015, 51, 598-600.	2.2	5
46	Postural changes in optic nerve and optic nerve sheath diameters in postural orthostatic tachycardia syndrome and spontaneous intracranial hypotension: A cohort study. <i>PLoS ONE</i> , 2019, 14, e0223484.	2.5	5
47	Nimodipine-Induced Blood Pressure Changes Can Predict Delayed Cerebral Ischemia. <i>Frontiers in Neurology</i> , 2019, 10, 1161.	2.4	5
48	Individualized Brain Tissue Oxygen-Monitoring Probe Placement Helps to Guide Therapy and Optimizes Outcome in Neurocritical Care. <i>Neurocritical Care</i> , 2021, 35, 197-209.	2.4	5
49	The role of potassium in muscle membrane dysfunction in end-stage renal disease. <i>Clinical Neurophysiology</i> , 2021, 132, 3125-3135.	1.5	5
50	Critical Illness Myopathy: Diagnostic Approach and Resulting Therapeutic Implications. <i>Current Treatment Options in Neurology</i> , 2022, 24, 173-182.	1.8	5
51	Symptomatic epilepsy with a tumor in the nose. <i>Journal of Neurology</i> , 2006, 253, 1113-1114.	3.6	4
52	Repetitive spinal motor neuron discharges following single transcranial magnetic stimulation: relation to dexterity. <i>Experimental Brain Research</i> , 2008, 188, 579-587.	1.5	4
53	Critical illness myopathy: Glucocorticoids revisited?. <i>Acta Physiologica</i> , 2019, 225, e13205.	3.8	4
54	Defense mechanisms to increasing back pressure for hepatic oxygen transport and venous return in porcine fecal peritonitis. <i>American Journal of Physiology - Renal Physiology</i> , 2020, 319, G289-G302.	3.4	4

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55	Persistent hyperammonia and altered concentrations of urea cycle metabolites in a 5-day swine experiment of sepsis. <i>Scientific Reports</i> , 2021, 11, 18430.	3.3	4
56	Leg pain in neuropathic postural tachycardia syndrome is associated with altered muscle membrane properties. <i>Clinical Autonomic Research</i> , 2021, 31, 719-727.	2.5	4
57	Intracerebral haemorrhage volume, haematoma expansion and 3-month outcomes in patients on antiplatelets. A systematic review and meta-analysis. <i>European Stroke Journal</i> , 2021, 6, 333-342.	5.5	4
58	Brainstem hemorrhage after neural therapy for decreased libido in a 31-year-old woman. <i>Journal of Neurology</i> , 2011, 258, 1354-1355.	3.6	3
59	Muscle velocity recovery cycles: Comparison between surface and needle recordings. <i>Muscle and Nerve</i> , 2016, 53, 205-208.	2.2	3
60	Modulation of BOLD and Arterial Spin Labeling (ASL-CBF) Response in Patients with Transient Visual Impairment after Posterior Circulation Stroke*. <i>Klinische Neuroradiologie</i> , 2006, 16, 228-235.	0.9	1
61	Early Postoperative Perils of Intraventricular Tumors: An Observational Comparative Study. <i>World Neurosurgery</i> , 2018, 113, e769-e776.	1.3	1
62	Nutrient pattern analysis in critically ill patients using Omics technology (NACHO) â€“ Study protocol for a prospective observational study. <i>Medicine (United States)</i> , 2019, 98, e13937.	1.0	1
63	Effect of intermittent high-frequency stimulation on muscle velocity recovery cycle recordings. <i>Journal of Neurophysiology</i> , 2021, 126, 736-742.	1.8	1
64	Tolerability of COVID-19 mRNA vaccines in patients with postural tachycardia syndrome: a cross-sectional study. <i>F1000Research</i> , 0, 11, 215.	1.6	1
65	Anesthesia modality does not affect clinical outcomes of intra-arterial vasodilator treatment in patients with symptomatic cerebral vasospasms. <i>F1000Research</i> , 2021, 10, 417.	1.6	0