

Carl-Henrik Nordström

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

51
papers

2,344
citations

23
h-index

48
g-index

54
ext. papers

2,546
ext. citations

4.2
avg. IF

4.51
L-index

#	Paper	IF	Citations
51	Increased cerebrovascular mortality in patients with hypopituitarism. <i>Clinical Endocrinology</i> , 1997 , 46, 75-81	3.4	374
50	Intracerebral microdialysis in clinical practice: baseline values for chemical markers during wakefulness, anesthesia, and neurosurgery. <i>Neurosurgery</i> , 2000 , 47, 701-9; discussion 709-10	3.2	274
49	Consensus meeting on microdialysis in neurointensive care. <i>Intensive Care Medicine</i> , 2004 , 30, 2166-9	14.5	231
48	Assessment of the lower limit for cerebral perfusion pressure in severe head injuries by bedside monitoring of regional energy metabolism. <i>Anesthesiology</i> , 2003 , 98, 809-14	4.3	216
47	Intracerebral Microdialysis in Clinical Practice: Baseline Values for Chemical Markers during Wakefulness, Anesthesia, and Neurosurgery. <i>Neurosurgery</i> , 2000 , 47, 701-710	3.2	173
46	Intracerebral microdialysis in severe brain trauma: the importance of catheter location. <i>Journal of Neurosurgery</i> , 2005 , 102, 460-9	3.2	102
45	Brain energy metabolism during controlled reduction of cerebral perfusion pressure in severe head injuries. <i>Intensive Care Medicine</i> , 2001 , 27, 1215-23	14.5	96
44	Blood-brain barrier transport of morphine in patients with severe brain trauma. <i>British Journal of Clinical Pharmacology</i> , 2004 , 57, 427-35	3.8	79
43	Complications due to prolonged ventricular fluid pressure recording. <i>British Journal of Neurosurgery</i> , 1988 , 2, 485-95	1	70
42	Psychosocial outcome 5-8 years after severe traumatic brain lesions and the impact of rehabilitation services. <i>Brain Injury</i> , 1994 , 8, 49-64	2.1	65
41	Restitution of Cerebral Energy State after Complete and Incomplete Ischemia of 30 min Duration. <i>Acta Physiologica Scandinavica</i> , 1976 , 97, 270-272		63
40	Postischemic cerebral blood flow and oxygen utilization rate in rats anesthetized with nitrous oxide or phenobarbital. <i>Acta Physiologica Scandinavica</i> , 1977 , 101, 230-40		44
39	Rate of energy utilization in the cerebral cortex of rats. <i>Acta Physiologica Scandinavica</i> , 1975 , 93, 569-71		43
38	Physiological and biochemical principles underlying volume-targeted therapy--the "Lund concept". <i>Neurocritical Care</i> , 2005 , 2, 83-95	3.3	41
37	Assessment of critical thresholds for cerebral perfusion pressure by performing bedside monitoring of cerebral energy metabolism. <i>Neurosurgical Focus</i> , 2003 , 15, E5	4.2	40
36	Cerebral energy metabolism and microdialysis in neurocritical care. <i>Childs Nervous System</i> , 2010 , 26, 465-72	1.7	39
35	Are primary supratentorial intracerebral hemorrhages surrounded by a biochemical penumbra? A microdialysis study. <i>Neurosurgery</i> , 2006 , 59, 521-8; discussion 521-8	3.2	33

34	Influence of phenobarbital on changes in the metabolites of the energy reserve of the cerebral cortex following complete ischemia. <i>Acta Physiologica Scandinavica</i> , 1978 , 104, 271-80		32
33	A Method for Monitoring Intracerebral Temperature in Neurosurgical Patients. <i>Neurosurgery</i> , 1990 , 27, 654-657	3.2	29
32	Severe traumatic brain lesions in Sweden. Part 2: Impact of aggressive neurosurgical intensive care. <i>Brain Injury</i> , 1989 , 3, 267-81	2.1	27
31	Severe traumatic brain lesions in Sweden. Part I: Aspects of management in non-neurosurgical clinics. <i>Brain Injury</i> , 1989 , 3, 247-65	2.1	26
30	Influence of phenobarbital anesthesia on carbohydrate and amino acid metabolism in rat brain. <i>Anesthesiology</i> , 1978 , 48, 175-82	4.3	23
29	Biochemical indications of cerebral ischaemia and mitochondrial dysfunction in severe brain trauma analysed with regard to type of lesion. <i>Acta Neurochirurgica</i> , 2016 , 158, 1231-40	3	23
28	Economic aspects of capacity for work after severe traumatic brain lesions. <i>Brain Injury</i> , 1994 , 8, 37-47	2.1	22
27	Prostacyclin infusion may prevent secondary damage in pericontusional brain tissue. <i>Neurocritical Care</i> , 2011 , 14, 441-6	3.3	18
26	Copenhagen Head Injury Ciclosporin Study: A Phase IIa Safety, Pharmacokinetics, and Biomarker Study of Ciclosporin in Severe Traumatic Brain Injury Patients. <i>Journal of Neurotrauma</i> , 2019 , 36, 3253-3263	5.4	17
25	Aspects on the Physiological and Biochemical Foundations of Neurocritical Care. <i>Frontiers in Neurology</i> , 2017 , 8, 274	4.1	17
24	Use of intracranial pressure monitoring in bacterial meningitis: a 10-year follow up on outcome and intracranial pressure versus head CT scans. <i>Infectious Diseases</i> , 2017 , 49, 356-364	3.1	15
23	Bedside evaluation of cerebral energy metabolism in severe community-acquired bacterial meningitis. <i>Neurocritical Care</i> , 2015 , 22, 221-8	3.3	15
22	Microdialysate concentration changes do not provide sufficient information to evaluate metabolic effects of lactate supplementation in brain-injured patients. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016 , 36, 1844-1864	7.3	14
21	A technique for continuous bedside monitoring of global cerebral energy state. <i>Intensive Care Medicine Experimental</i> , 2016 , 4, 3	3.7	11
20	Comparison between cerebral tissue oxygen tension and energy metabolism in experimental subdural hematoma. <i>Neurocritical Care</i> , 2011 , 15, 585-92	3.3	10
19	Techniques and strategies in neurocritical care originating from southern Scandinavia. <i>Journal of Rehabilitation Medicine</i> , 2013 , 45, 710-7	3.4	9
18	Severe traumatic brain lesions in Sweden. Part 3: Economic aspects of aggressive neurosurgical intensive care. <i>Brain Injury</i> , 1989 , 3, 283-93	2.1	9
17	Cyclosporin A ameliorates cerebral oxidative metabolism and infarct size in the endothelin-1 rat model of transient cerebral ischaemia. <i>Scientific Reports</i> , 2019 , 9, 3702	4.9	7

16	Exogenous lactate supplementation to the injured brain: misleading conclusions with clinical implications. <i>Intensive Care Medicine</i> , 2014 , 40, 919	14.5	7
15	Lactate uptake against a concentration gradient: misinterpretation of analytical imprecision. <i>Journal of Neurotrauma</i> , 2014 , 31, 1528	5.4	5
14	Patterns of cerebral tissue oxygen tension and cytoplasmic redox state in bacterial meningitis. <i>Acta Anaesthesiologica Scandinavica</i> , 2019 , 63, 329-336	1.9	5
13	In Vivo Microdialysis of Endogenous and C-labeled TCA Metabolites in Rat Brain: Reversible and Persistent Effects of Mitochondrial Inhibition and Transient Cerebral Ischemia. <i>Metabolites</i> , 2019 , 9,	5.6	3
12	Critical thresholds for cerebrovascular reactivity: fact or fiction?. <i>Neurocritical Care</i> , 2012 , 17, 150-1; author reply 152-3	3.3	3
11	Insulin, intracerebral glucose and bedside biochemical monitoring utilizing microdialysis. <i>Critical Care</i> , 2008 , 12, 124	10.8	2
10	Ethyl Pyruvate Increases Post-Ischemic Levels of Mitochondrial Energy Metabolites: A C-Labeled Cerebral Microdialysis Study. <i>Metabolites</i> , 2020 , 10,	5.6	2
9	Moderately prolonged permissive hypotension results in reversible metabolic perturbation evaluated by intracerebral microdialysis - an experimental animal study. <i>Intensive Care Medicine Experimental</i> , 2019 , 7, 67	3.7	2
8	Comment on "Changes in cerebral interstitial glycerol concentration in head injured patients; correlation with secondary events". <i>Intensive Care Medicine</i> , 2004 , 30, 336	14.5	1
7	Cerebral microdialysis after cardiac arrest - Misinterpretations based on a misconception. <i>Resuscitation</i> , 2021 ,	4	1
6	A Prospective Observational Feasibility Study of Jugular Bulb Microdialysis in Subarachnoid Hemorrhage. <i>Neurocritical Care</i> , 2020 , 33, 241-255	3.3	1
5	Rehabilitation of long-term sick-listed patients in Sweden through techniques of sports medicine. <i>Journal of Back and Musculoskeletal Rehabilitation</i> , 2000 , 15, 67-76	1.4	0
4	Effects of norepinephrine infusion on cerebral energy metabolism during experimental haemorrhagic shock.. <i>Intensive Care Medicine Experimental</i> , 2022 , 10, 4	3.7	0
3	Monitoring Microdialysis 2012 , 173-175		
2	Comments on "cognitive impairment in rats after long-term exposure to GSM-900 mobile phone radiation" by Nittby et al. (Bioelectromagnetics 29:219-232, 2008). <i>Bioelectromagnetics</i> , 2009 , 30, 508; author reply 509	1.6	
1	Cerebral venous blood is not drained via the internal jugular vein in the pig. <i>Resuscitation</i> , 2021 , 162, 437-438	4	