Troels H Nielsen

List of Publications by Year
in descending order

30	661	759233 12	580821 25
papers	citations	h-index	g-index

31	31	31	727
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Consensus statement from the 2014 International Microdialysis Forum. Intensive Care Medicine, 2015, 41, 1517-1528.	8.2	263
2	Bedside diagnosis of mitochondrial dysfunction in aneurysmal subarachnoid hemorrhage. Acta Neurologica Scandinavica, 2014, 130, 156-163.	2.1	65
3	Cerebral energy metabolism during mitochondrial dysfunction induced by cyanide in piglets. Acta Anaesthesiologica Scandinavica, 2013, 57, 793-801.	1.6	48
4	Cerebral energy metabolism during induced mitochondrial dysfunction. Acta Anaesthesiologica Scandinavica, 2013, 57, 229-235.	1.6	33
5	Biochemical indications of cerebral ischaemia and mitochondrial dysfunction in severe brain trauma analysed with regard to type of lesion. Acta Neurochirurgica, 2016, 158, 1231-1240.	1.7	32
6	The European Rare Disease Network for HHT Frameworks for management of hereditary haemorrhagic telangiectasia in general and speciality care. European Journal of Medical Genetics, 2022, 65, 104370.	1.3	28
7	Bedside Diagnosis of Mitochondrial Dysfunction After Malignant Middle Cerebral Artery Infarction. Neurocritical Care, 2014, 21, 35-42.	2.4	25
8	Use of intracranial pressure monitoring in bacterial meningitis: a 10-year follow up on outcome and intracranial pressure versus head CT scans. Infectious Diseases, 2017, 49, 356-364.	2.8	18
9	Bedside Evaluation of Cerebral Energy Metabolism in Severe Community-Acquired Bacterial Meningitis. Neurocritical Care, 2015, 22, 221-228.	2.4	16
10	Bedside Monitoring of Cerebral Energy State During Cardiac Surgeryâ€"A Novel Approach Utilizing Intravenous Microdialysis. Journal of Cardiothoracic and Vascular Anesthesia, 2017, 31, 1166-1173.	1.3	14
11	A technique for continuous bedside monitoring of global cerebral energy state. Intensive Care Medicine Experimental, 2016, 4, 3.	1.9	13
12	Comparison Between Cerebral Tissue Oxygen Tension and Energy Metabolism in Experimental Subdural Hematoma. Neurocritical Care, 2011, 15, 585-592.	2.4	12
13	Cyclosporin A ameliorates cerebral oxidative metabolism and infarct size in the endothelin-1 rat model of transient cerebral ischaemia. Scientific Reports, 2019, 9, 3702.	3.3	12
14	Recirculation usually precedes malignant edema in middle cerebral artery infarcts. Acta Neurologica Scandinavica, 2012, 126, 404-410.	2.1	10
15	Techniques and strategies in neurocritical care originating from Southern Scandinavia. Journal of Rehabilitation Medicine, 2013, 45, 710-717.	1.1	9
16	Exogenous lactate supplementation to the injured brain: misleading conclusions with clinical implications. Intensive Care Medicine, 2014, 40, 919-919.	8.2	8
17	Cerebral Metabolic Changes Related to Oxidative Metabolism in a Model of Bacterial Meningitis Induced by Lipopolysaccharide. Neurocritical Care, 2018, 29, 496-503.	2.4	8
18	Bedside microdialysis for detection of early brain injury after out-of-hospital cardiac arrest. Scientific Reports, 2021, 11, 15871.	3.3	8

#	Article	IF	Citations
19	Design paper of the â€œBlood pressure targets in post-resuscitation care and bedside monitoring of cerebral energy state: a randomized clinical trialâ€• Trials, 2019, 20, 344.	1.6	7
20	Moderately prolonged permissive hypotension results in reversible metabolic perturbation evaluated by intracerebral microdialysis - an experimental animal study. Intensive Care Medicine Experimental, 2019, 7, 67.	1.9	6
21	Patterns of cerebral tissue oxygen tension and cytoplasmic redox state in bacterial meningitis. Acta Anaesthesiologica Scandinavica, 2019, 63, 329-336.	1.6	6
22	A Prospective Observational Feasibility Study of Jugular Bulb Microdialysis in Subarachnoid Hemorrhage. Neurocritical Care, 2020, 33, 241-255.	2.4	5
23	Critical Thresholds for Cerebrovascular Reactivity: Fact or Fiction?. Neurocritical Care, 2012, 17, 150-151.	2.4	4
24	In Vivo Microdialysis of Endogenous and 13C-labeled TCA Metabolites in Rat Brain: Reversible and Persistent Effects of Mitochondrial Inhibition and Transient Cerebral Ischemia. Metabolites, 2019, 9, 204.	2.9	4
25	Ethyl Pyruvate Increases Post-Ischemic Levels of Mitochondrial Energy Metabolites: A 13C-Labeled Cerebral Microdialysis Study. Metabolites, 2020, 10, 287.	2.9	3
26	Cerebral microdialysis after cardiac arrest â€“ Misinterpretations based on a misconception. Resuscitation, 2021, , .	3.0	3
27	Effects of norepinephrine infusion on cerebral energy metabolism during experimental haemorrhagic shock. Intensive Care Medicine Experimental, 2022, 10, 4.	1.9	1
28	Letter to the Editor. Journal of Neurosurgery, 2010, 113, 1333-1334.	1.6	0
29	Cerebral venous blood is not drained via the internal jugular vein in the pig. Resuscitation, 2021, 162, 437-438.	3.0	0
30	Small ruptured intracranial aneurysms are overrepresented at the anterior and posterior communicating artery: Results of a multiple regression analysis. , 0, 13, 288.		0