## **Tom Schepens**

List of Publications by Year in descending order

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TOM SCHEDENS

#	Article	IF	CITATIONS
1	The course of diaphragm atrophy in ventilated patients assessed with ultrasound: a longitudinal cohort study. Critical Care, 2015, 19, 422.	5.8	134
2	Considerable exposure to the endocrine disrupting chemicals phthalates and bisphenol-A in intensive care unit (ICU) patients. Environment International, 2015, 81, 64-72.	10.0	66
3	Diaphragm-protective mechanical ventilation. Current Opinion in Critical Care, 2019, 25, 77-85.	3.2	54
4	The endotracheal tube microbiome associated with Pseudomonas aeruginosa or Staphylococcus epidermidis. Scientific Reports, 2016, 6, 36507.	3.3	51
5	Is acyclovir effective among critically ill patients with herpes simplex in the respiratory tract?. Journal of Clinical Virology, 2014, 60, 215-221.	3.1	35
6	Red cell distribution width (RDW) as a biomarker for respiratory failure in a pediatric ICU. Journal of Inflammation, 2017, 14, 12.	3.4	26
7	Lung- and Diaphragm-protective Ventilation in Acute Respiratory Distress Syndrome. Anesthesiology, 2019, 130, 620-633.	2.5	24
8	Assessing Diaphragmatic Function. Respiratory Care, 2020, 65, 807-819.	1.6	23
9	A comparison of two insulin infusion protocols in the medical intensive care unit by continuous glucose monitoring. Annals of Intensive Care, 2016, 6, 115.	4.6	22
10	Metabolites of phosphate flame retardants and alternative plasticizers in urine from intensive care patients. Chemosphere, 2019, 233, 590-596.	8.2	21
11	Diaphragm protection: what should we target?. Current Opinion in Critical Care, 2020, 26, 35-40.	3.2	19
12	Incidence and predisposing factors for the development of disturbed glucose metabolism and DIabetes mellitus AFter Intensive Care admission: the DIAFIC study. Critical Care, 2015, 19, 355.	5.8	17
13	Diaphragmatic and intercostal electromyographic activity during neostigmine, sugammadex and neostigmine–sugammadex-enhanced recovery after neuromuscular blockade. European Journal of Anaesthesiology, 2017, 34, 8-15.	1.7	16
14	Electromyographic activity of the diaphragm during neostigmine or sugammadex-enhanced recovery after neuromuscular blockade with rocuronium. European Journal of Anaesthesiology, 2015, 32, 49-57.	1.7	15
15	Successful ventilation of two animals with a single ventilator: individualized shared ventilator setup in an in vivo model. Critical Care, 2020, 24, 523.	5.8	13
16	Nurses' Sedation Practices During Weaning of Adults From Mechanical Ventilation in an Intensive Care Unit. American Journal of Critical Care, 2018, 27, 32-42.	1.6	11
17	Individualized mechanical ventilation in a shared ventilator setting: limits, safety and technical details Journal of Clinical Monitoring and Computing, 2021, 35, 1299-1309.	1.6	9
18	Thermal quantitative sensory testing to assess the sensory effects of three local anesthetic solutions in a randomized trial of interscalene blockade for shoulder surgery. Canadian Journal of Anaesthesia, 2016, 63, 46-55.	1.6	8

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19	Respiratory muscle activity after spontaneous, neostigmine- or sugammadex-enhanced recovery of neuromuscular blockade: a double blind prospective randomized controlled trial. BMC Anesthesiology, 2019, 19, 187.	1.8	7
20	A physiology-based mathematical model for the selection of appropriate ventilator controls for lung and diaphragm protection. Journal of Clinical Monitoring and Computing, 2021, 35, 363-378.	1.6	7
21	Rapid Ventricular Pacing for Neurovascular Surgery: A Study on Cardiac and Cerebral Effects. World Neurosurgery, 2018, 119, e71-e77.	1.3	6
22	A low dose of three local anesthetic solutions for interscalene blockade tested by thermal quantitative sensory testing: a randomized controlled trial. Journal of Clinical Monitoring and Computing, 2019, 33, 307-316.	1.6	5
23	Functional respiratory imaging after neostigmine- or sugammadex-enhanced recovery from neuromuscular blockade in the anesthetised rat: a randomised controlled pilot study. Brazilian Journal of Anesthesiology (Elsevier), 2017, 67, 443-449.	0.4	3
24	Effects of Stellate Ganglion Block on Analgesia Produced by Cervical Paravertebral Block as Established by Quantitative Sensory Testing: A Randomized Controlled Trial. Pain Medicine, 2018, 19, 2223-2235.	1.9	3
25	Real-time Monitoring of Cerebral Blood Flow and Cerebral Oxygenation During Rapid Ventricular Pacing in Neurovascular Surgery: A Pilot Study. Journal of Neurosurgical Anesthesiology, 2020, 32, 354-358.	1.2	3
26	Ultrasound: a novel translational tool to study diaphragmatic dysfunction in critical illness. Annals of Translational Medicine, 2016, 4, 515-515.	1.7	2
27	Functional respiratory imaging of the airways in the acute respiratory distress syndrome. Anaesthesia, Critical Care & Pain Medicine, 2020, 39, 207-213.	1.4	2
28	Lessons Learned From 2 Patients With Multidrug-Resistant HIV-1 Infection Successfully Treated With a Darunavir-Containing Antiretroviral Treatment Regimen. Journal of the International Association of Providers of AIDS Care, 2007, 6, 203-205.	1.2	0
29	Respiratory support in the absence of abdominal muscles: A case study of ventilatory management in prune belly syndrome. Paediatric Respiratory Reviews, 2021, 37, 44-47.	1.8	0
30	Reoperation for bleeding after cardiac surgery. Acta Chirurgica Belgica, 2020, , 1-23.	0.4	0