

Tom Schepens

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

605
citations

623574

14
h-index

610775

24
g-index

31
all docs

31
docs citations

31
times ranked

883
citing authors

#	ARTICLE	IF	CITATIONS
1	The course of diaphragm atrophy in ventilated patients assessed with ultrasound: a longitudinal cohort study. <i>Critical Care</i> , 2015, 19, 422.	2.5	134
2	Considerable exposure to the endocrine disrupting chemicals phthalates and bisphenol-A in intensive care unit (ICU) patients. <i>Environment International</i> , 2015, 81, 64-72.	4.8	66
3	Diaphragm-protective mechanical ventilation. <i>Current Opinion in Critical Care</i> , 2019, 25, 77-85.	1.6	54
4	The endotracheal tube microbiome associated with <i>Pseudomonas aeruginosa</i> or <i>Staphylococcus epidermidis</i> . <i>Scientific Reports</i> , 2016, 6, 36507.	1.6	51
5	Is acyclovir effective among critically ill patients with herpes simplex in the respiratory tract?. <i>Journal of Clinical Virology</i> , 2014, 60, 215-221.	1.6	35
6	Red cell distribution width (RDW) as a biomarker for respiratory failure in a pediatric ICU. <i>Journal of Inflammation</i> , 2017, 14, 12.	1.5	26
7	Lung- and Diaphragm-protective Ventilation in Acute Respiratory Distress Syndrome. <i>Anesthesiology</i> , 2019, 130, 620-633.	1.3	24
8	Assessing Diaphragmatic Function. <i>Respiratory Care</i> , 2020, 65, 807-819.	0.8	23
9	A comparison of two insulin infusion protocols in the medical intensive care unit by continuous glucose monitoring. <i>Annals of Intensive Care</i> , 2016, 6, 115.	2.2	22
10	Metabolites of phosphate flame retardants and alternative plasticizers in urine from intensive care patients. <i>Chemosphere</i> , 2019, 233, 590-596.	4.2	21
11	Diaphragm protection: what should we target?. <i>Current Opinion in Critical Care</i> , 2020, 26, 35-40.	1.6	19
12	Incidence and predisposing factors for the development of disturbed glucose metabolism and Diabetes mellitus AFTER Intensive Care admission: the DIAFIC study. <i>Critical Care</i> , 2015, 19, 355.	2.5	17
13	Diaphragmatic and intercostal electromyographic activity during neostigmine, sugammadex and neostigmine+sugammadex-enhanced recovery after neuromuscular blockade. <i>European Journal of Anaesthesiology</i> , 2017, 34, 8-15.	0.7	16
14	Electromyographic activity of the diaphragm during neostigmine or sugammadex-enhanced recovery after neuromuscular blockade with rocuronium. <i>European Journal of Anaesthesiology</i> , 2015, 32, 49-57.	0.7	15
15	Successful ventilation of two animals with a single ventilator: individualized shared ventilator setup in an in vivo model. <i>Critical Care</i> , 2020, 24, 523.	2.5	13
16	Nurses' Sedation Practices During Weaning of Adults From Mechanical Ventilation in an Intensive Care Unit. <i>American Journal of Critical Care</i> , 2018, 27, 32-42.	0.8	11
17	Individualized mechanical ventilation in a shared ventilator setting: limits, safety and technical details.. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 1299-1309.	0.7	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. <i>Canadian Journal of Anaesthesia</i> , 2016, 63, 46-55.	0.7	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. <i>BMC Anesthesiology</i> , 2019, 19, 187.	0.7	7
20	A physiology-based mathematical model for the selection of appropriate ventilator controls for lung and diaphragm protection. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 363-378.	0.7	7
21	Rapid Ventricular Pacing for Neurovascular Surgery: A Study on Cardiac and Cerebral Effects. <i>World Neurosurgery</i> , 2018, 119, e71-e77.	0.7	6
22	A low dose of three local anesthetic solutions for interscalene blockade tested by thermal quantitative sensory testing: a randomized controlled trial. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 307-316.	0.7	5
23	Functional respiratory imaging after neostigmine- or sugammadex-enhanced recovery from neuromuscular blockade in the anesthetised rat: a randomised controlled pilot study. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2017, 67, 443-449.	0.2	3
24	Effects of Stellate Ganglion Block on Analgesia Produced by Cervical Paravertebral Block as Established by Quantitative Sensory Testing: A Randomized Controlled Trial. <i>Pain Medicine</i> , 2018, 19, 2223-2235.	0.9	3
25	Real-time Monitoring of Cerebral Blood Flow and Cerebral Oxygenation During Rapid Ventricular Pacing in Neurovascular Surgery: A Pilot Study. <i>Journal of Neurosurgical Anesthesiology</i> , 2020, 32, 354-358.	0.6	3
26	Ultrasound: a novel translational tool to study diaphragmatic dysfunction in critical illness. <i>Annals of Translational Medicine</i> , 2016, 4, 515-515.	0.7	2
27	Functional respiratory imaging of the airways in the acute respiratory distress syndrome. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2020, 39, 207-213.	0.6	2
28	Lessons Learned From 2 Patients With Multidrug-Resistant HIV-1 Infection Successfully Treated With a Darunavir-Containing Antiretroviral Treatment Regimen. <i>Journal of the International Association of Providers of AIDS Care</i> , 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. <i>Paediatric Respiratory Reviews</i> , 2021, 37, 44-47.	1.2	0
30	Reoperation for bleeding after cardiac surgery. <i>Acta Chirurgica Belgica</i> , 2020, , 1-23.	0.2	0