

Johannes Schmidt

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

255
citations

1040056

9
h-index

1058476

14
g-index

18
all docs

18
docs citations

18
times ranked

108
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved lung recruitment and oxygenation during mandatory ventilation with a new expiratory ventilation assistance device. <i>European Journal of Anaesthesiology</i> , 2018, 35, 736-744.	1.7	45
2	Flow-Controlled Ventilation Attenuates Lung Injury in a Porcine Model of Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2020, 48, e241-e248.	0.9	38
3	Biosensor-Enabled Multiplexed On-Site Therapeutic Drug Monitoring of Antibiotics. <i>Advanced Materials</i> , 2022, 34, e2104555.	21.0	29
4	Flow-controlled ventilation improves gas exchange in lung-healthy patients” a randomized interventional cross-over study. <i>Acta Anaesthesiologica Scandinavica</i> , 2020, 64, 481-488.	1.6	28
5	Flow-controlled ventilation during ear, nose and throat surgery. <i>European Journal of Anaesthesiology</i> , 2019, 36, 327-334.	1.7	27
6	Flow-controlled ventilation (FCV) improves regional ventilation in obese patients “ a randomized controlled crossover trial. <i>BMC Anesthesiology</i> , 2020, 20, 24.	1.8	24
7	Dorsal recruitment with flow-controlled expiration (FLEX): an experimental study in mechanically ventilated lung-healthy and lung-injured pigs. <i>Critical Care</i> , 2018, 22, 245.	5.8	23
8	Glottic visibility for laryngeal surgery. <i>European Journal of Anaesthesiology</i> , 2019, 36, 963-971.	1.7	18
9	Context-sensitive decrement times for inhaled anesthetics in obese patients explored with Gas Man®. <i>Journal of Clinical Monitoring and Computing</i> , 2021, 35, 343-354.	1.6	10
10	A linearized expiration flow homogenizes the compartmental pressure distribution in a physical model of the inhomogeneous respiratory system. <i>Physiological Measurement</i> , 2020, 41, 045005.	2.1	5
11	Effect of individualized PEEP titration guided by intratidal compliance profile analysis on regional ventilation assessed by electrical impedance tomography “ a randomized controlled trial. <i>BMC Anesthesiology</i> , 2020, 20, 42.	1.8	5
12	Prediction of expiratory desflurane and sevoflurane concentrations in lung-healthy patients utilizing cardiac output and alveolar ventilation matched pharmacokinetic models. <i>Medicine (United States)</i> , 2020, 99, 11.	1.8	1
13	Control of the expiratory flow in a lung model and in healthy volunteers with an adjustable flow regulator: a combined bench and randomized crossover study. <i>Respiratory Research</i> , 2021, 22, 292.	3.6	1
14	Biosensor-Enabled Multiplexed On-Site Therapeutic Drug Monitoring of Antibiotics (Adv. Mater.)	21.0	1
15	Track J. <i>Clinical Engineering and Hospital Technology. Biomedizinische Technik</i> , 2016, 61, 90-95.	0.8	0
16	Sine ventilation in lung injury models: a new perspective for lung protective ventilation. <i>Scientific Reports</i> , 2020, 10, 11690.	3.3	0
17	Mechanical ventilation restores blood gas homeostasis and diaphragm muscle strength in ketamine/medetomidine-anaesthetized rats. <i>Experimental Physiology</i> , 2021, 106, 396-400.	2.0	0
18	The authors reply:. <i>Critical Care Medicine</i> , 2020, 48, e1360-e1361.	0.9	0