

# Roman Ullrich

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7853523/publications.pdf>

Version: 2024-02-01

34  
papers

879  
citations

623188

14  
h-index

476904

29  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1142  
citing authors

#	ARTICLE	IF	CITATIONS
1	Duration of invasive mechanical ventilation prior to extracorporeal membrane oxygenation is not associated with survival in acute respiratory distress syndrome caused by coronavirus disease 2019. <i>Annals of Intensive Care</i> , 2022, 12, 6.	2.2	27
2	Comparing ventilation modes by electrical impedance segmentography in ventilated children. <i>Journal of Clinical Monitoring and Computing</i> , 2022, 36, 1795-1803.	0.7	2
3	Oxygen conditions oscillating between hypoxia and hyperoxia induce different effects in the pulmonary endothelium compared to constant oxygen conditions. <i>Physiological Reports</i> , 2021, 9, e14590.	0.7	11
4	Incidence and Etiology of System Exchanges in Patients Receiving Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 2021, 67, 776-784.	0.9	10
5	Suitable CO <sub>2</sub> Solubility Models for Determination of the CO <sub>2</sub> Removal Performance of Oxygenators. <i>Bioengineering</i> , 2021, 8, 33.	1.6	5
6	Cerebral microemboli during extracorporeal life support: a single-centre cohort study. <i>European Journal of Cardio-thoracic Surgery</i> , 2021, 61, 172-179.	0.6	6
7	Safety and preliminary efficacy of sequential multiple ascending doses of solnatide to treat pulmonary permeability edema in patients with moderate-to-severe ARDS—a randomized, placebo-controlled, double-blind trial. <i>Trials</i> , 2021, 22, 643.	0.7	11
8	Oxygen-Dependent Changes in the N-Glycome of Murine Pulmonary Endothelial Cells. <i>Antioxidants</i> , 2021, 10, 1947.	2.2	4
9	The Renin-Angiotensin System as a Component of Biotrauma in Acute Respiratory Distress Syndrome. <i>Frontiers in Physiology</i> , 2021, 12, 806062.	1.3	6
10	SARS-CoV-2: recommendations for treatment in intensive care medicine. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 664-670.	1.0	8
11	Investigating Disturbances of Oxygen Homeostasis: From Cellular Mechanisms to the Clinical Practice. <i>Frontiers in Physiology</i> , 2020, 11, 947.	1.3	18
12	Recommendations for extracorporeal membrane oxygenation (ECMO) in COVID-19 patients. <i>Wiener Klinische Wochenschrift</i> , 2020, 132, 671-676.	1.0	9
13	Computation of Global and Local Mass Transfer in Hollow Fiber Membrane Modules. <i>Sustainability</i> , 2020, 12, 2207.	1.6	7
14	Personalized medicine with IgGAM compared with standard of care for treatment of peritonitis after infectious source control (the PEPPER trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2019, 20, 156.	0.7	12
15	Propofol-based sedation does not negatively influence oxygenator running time compared to midazolam in patients with extracorporeal membrane oxygenation. <i>International Journal of Artificial Organs</i> , 2019, 42, 233-240.	0.7	11
16	Transfusion of standard-issue packed red blood cells induces pulmonary vasoconstriction in critically ill patients after cardiac surgery—a randomized, double-blinded, clinical trial. <i>PLoS ONE</i> , 2019, 14, e0213000.	1.1	13
17	Treatment of primary graft dysfunction after lung transplantation with orally inhaled AP301: A prospective, randomized pilot study. <i>Journal of Heart and Lung Transplantation</i> , 2018, 37, 225-231.	0.3	14
18	Recent advances in understanding acute respiratory distress syndrome. <i>F1000Research</i> , 2018, 7, 263.	0.8	25

#	ARTICLE	IF	CITATIONS
19	Cerebral Gaseous Microemboli are Detectable During Continuous Venovenous Hemodialysis in Critically Ill Patients: An Observational Pilot Study. <i>Journal of Neurosurgical Anesthesiology</i> , 2017, 29, 236-242.	0.6	3
20	Hyperoxia Induces Inflammation and Cytotoxicity in Human Adult Cardiac Myocytes. <i>Shock</i> , 2017, 47, 436-444.	1.0	34
21	Inhaled AP301 for treatment of pulmonary edema in mechanically ventilated patients with acute respiratory distress syndrome: a phase IIa randomized placebo-controlled trial. <i>Critical Care</i> , 2017, 21, 194.	2.5	41
22	Intermittent Hypoxia Causes Inflammation and Injury to Human Adult Cardiac Myocytes. <i>Anesthesia and Analgesia</i> , 2016, 122, 373-380.	1.1	52
23	Argon Preconditioning Protects Airway Epithelial Cells against Hydrogen Peroxide-Induced Oxidative Stress. <i>European Surgical Research</i> , 2016, 57, 252-262.	0.6	13
24	Real-time in-vivo imaging of pulmonary capillary perfusion using probe-based confocal laser scanning endomicroscopy in pigs. <i>European Journal of Anaesthesiology</i> , 2015, 32, 392-399.	0.7	8
25	Assessment of Regional Ventilation Distribution: Comparison of Vibration Response Imaging (VRI) with Electrical Impedance Tomography (EIT). <i>PLoS ONE</i> , 2014, 9, e86638.	1.1	13
26	Rationale and study design of ViPS – variable pressure support for weaning from mechanical ventilation: study protocol for an international multicenter randomized controlled open trial. <i>Trials</i> , 2013, 14, 363.	0.7	8
27	A surge of flu-associated adult respiratory distress syndrome in an Austrian tertiary care hospital during the 2009/2010 Influenza A H1N1v pandemic. <i>Wiener Klinische Wochenschrift</i> , 2011, 123, 209-214.	1.0	6
28	Inhaled nitric oxide therapy in adults: European expert recommendations. <i>Intensive Care Medicine</i> , 2005, 31, 1029-1041.	3.9	100
29	Effects of Carbon Monoxide Inhalation during Experimental Endotoxemia in Humans. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 354-360.	2.5	189
30	Cytosolic phospholipase A2 in hypoxic pulmonary vasoconstriction. <i>Journal of Clinical Investigation</i> , 2002, 109, 1493-1500.	3.9	29
31	Attenuation of Hypoxic Pulmonary Vasoconstriction by Endotoxemia Requires 5-Lipoxygenase in Mice. <i>Circulation Research</i> , 2001, 88, 832-838.	2.0	43
32	Exhaled Nitric Oxide Production by Nitric Oxide Synthase-deficient Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2000, 162, 1262-1267.	2.5	30
33	Hypoxic pulmonary blood flow redistribution and arterial oxygenation in endotoxin-challenged NOS2-deficient mice. <i>Journal of Clinical Investigation</i> , 1999, 104, 1421-1429.	3.9	72
34	Additive Effect of Nitric Oxide Inhalation on the Oxygenation Benefit of the Prone Position in the Adult Respiratory Distress Syndrome. <i>Anesthesiology</i> , 1998, 89, 1401-1406.	1.3	39