

# CITATION REPORT

List of articles citing

## The physical basis of ventilator-induced lung injury

DOI: 10.1586/ers.10.28

Expert Review of Respiratory Medicine, 2010, 4, 373-85.

**Source:** <https://exaly.com/paper-pdf/49641675/citation-report.pdf>

**Version:** 2024-04-23

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
80	Understanding and avoiding ventilator-induced lung injury: lessons from an insightful experimental study. <i>Critical Care Medicine</i> , <b>2010</b> , 38, 2418-9	1.4	7
79	Use of extracorporeal life support in adults with severe acute respiratory failure. <i>Expert Review of Respiratory Medicine</i> , <b>2011</b> , 5, 627-33	3.8	8
78	Syndrome de détresse respiratoire aiguë <i>Encyclopédie Médico-chirurgicale Pneumologie</i> , <b>2011</b> , 8, 1-17		
77	Syndrome de détresse respiratoire aiguë <i>EMC - Anesthésie-Reanimation</i> , <b>2011</b> , 8, 1-17		
76	Point: Is low tidal volume mechanical ventilation preferred for all patients on ventilation? Yes. <i>Chest</i> , <b>2011</b> , 140, 9-11	5.3	18
75	Intensive care of the patient with cirrhosis. <i>Hepatology</i> , <b>2011</b> , 54, 1864-72	11.2	186
74	Poloxamer 188 facilitates the repair of alveolus resident cells in ventilator-injured lungs. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2011</b> , 184, 939-47	10.2	23
73	Pathophysiology of ventilator-associated lung injury. <i>Current Opinion in Anaesthesiology</i> , <b>2012</b> , 25, 123-30.	3.9	46
72	Role and potentials of low-flow CO(2) removal system in mechanical ventilation. <i>Current Opinion in Critical Care</i> , <b>2012</b> , 18, 93-8	3.5	61
71	Mechanical ventilation in the context of a "bag-in-box" respiratory system. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 1988-9	1.4	4
70	Atelectrauma: mechanistic insights tempered by clinical relevance?*. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 1009-10	1.4	0
69	Lung recruitment: the combined effect of pressures "North" and "South" of the diaphragm. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 1985-6	1.4	1
68	State-of-the-art mechanical ventilation. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2012</b> , 26, 486-506	5.6	18
67	State of the art: strategies for extracorporeal membrane oxygenation in respiratory failure. <i>Expert Review of Respiratory Medicine</i> , <b>2012</b> , 6, 513-21	3.8	7
66	The pathophysiology of perioperative lung injury. <i>Anesthesiology Clinics</i> , <b>2012</b> , 30, 573-90	2.3	8
65	Advances in therapy for acute lung injury. <i>Anesthesiology Clinics</i> , <b>2012</b> , 30, 629-39	2.3	19
64	Acute-on chronic liver failure. <i>Journal of Hepatology</i> , <b>2012</b> , 57, 1336-48	13.4	440

63	miR-146a regulates mechanotransduction and pressure-induced inflammation in small airway epithelium. <i>FASEB Journal</i> , <b>2012</b> , 26, 3351-64	0.9	53
62	Lung strain and biological response in mechanically ventilated patients. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 240-7	14.5	59
61	Acute on chronic liver failure: From pathophysiology to clinical management. <i>Trends in Anaesthesia and Critical Care</i> , <b>2013</b> , 3, 122-129	0.4	6
60	Lower tidal volume strategy (8 ml/kg) combined with extracorporeal CO2 removal versus conventional protective ventilation (6 ml/kg) in severe ARDS: the prospective randomized Xtravent-study. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 847-56	14.5	349
59	Real estate of monolayer permeability: location location location. <i>Laboratory Investigation</i> , <b>2013</b> , 93, 148-50	5.9	1
58	Biophysical determinants of alveolar epithelial plasma membrane wounding associated with mechanical ventilation. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2013</b> , 305, L478-84	5.8	38
57	Extracorporeal membrane oxygenation in adults with acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , <b>2013</b> , 19, 38-43	3.5	27
56	Sepsis and ventilator-induced lung injury: an imperfect storm. <i>Critical Care Medicine</i> , <b>2013</b> , 41, 354-5	1.4	
55	Protect the lungs during abdominal surgery: it may change the postoperative outcome. <i>Anesthesiology</i> , <b>2013</b> , 118, 1254-7	4.3	22
54	Volutrauma and regional ventilation revisited. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2013</b> , 188, 1388-9	10.2	4
53	Extracorporeal membrane oxygenation for pediatric respiratory failure: History, development and current status. <i>World Journal of Critical Care Medicine</i> , <b>2013</b> , 2, 29-39	3	52
52	Acute-on-chronic liver failure: a review. <i>Therapeutics and Clinical Risk Management</i> , <b>2014</b> , 10, 295-303	2.9	29
51	Computational analysis of microbubble flows in bifurcating airways: role of gravity, inertia, and surface tension. <i>Journal of Biomechanical Engineering</i> , <b>2014</b> , 136, 101007	2.1	7
50	Effect of protective ventilation on postoperative pulmonary complications in patients undergoing general anaesthesia: a meta-analysis of randomised controlled trials. <i>BMJ Open</i> , <b>2014</b> , 4, e005208	3	23
49	[Extracorporeal pulmonary support procedures in intensive care medicine 2014]. <i>Der Internist</i> , <b>2014</b> , 55, 1296-305	0	3
48	Regional distribution of lung compliance by image analysis of computed tomograms. <i>Respiratory Physiology and Neurobiology</i> , <b>2014</b> , 201, 60-70	2.8	16
47	Stress et strain : application au cours du syndrome de détresse respiratoire aiguë <i>Reanimation: Journal De La Societe De Reanimation De Langue Francaise</i> , <b>2014</b> , 23, 412-419		1
46	Ropivacaine attenuates endotoxin plus hyperinflation-mediated acute lung injury via inhibition of early-onset Src-dependent signaling. <i>BMC Anesthesiology</i> , <b>2014</b> , 14, 57	2.4	28

45	Approaches to ventilation in intensive care. <i>Deutsches A&amp;#x0308;rzteblatt International</i> , <b>2014</b> , 111, 714-20	2.5	9
44	Effect of local tidal lung strain on inflammation in normal and lipopolysaccharide-exposed sheep*. <i>Critical Care Medicine</i> , <b>2014</b> , 42, e491-500	1.4	64
43	A portable single-sided magnet system for remote NMR measurements of pulmonary function. <i>NMR in Biomedicine</i> , <b>2014</b> , 27, 1479-89	4.4	8
42	Low respiratory rate plus minimally invasive extracorporeal Co2 removal decreases systemic and pulmonary inflammatory mediators in experimental Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , <b>2014</b> , 42, e451-60	1.4	40
41	A micromechanical model for estimating alveolar wall strain in mechanically ventilated edematous lungs. <i>Journal of Applied Physiology</i> , <b>2014</b> , 117, 586-92	3.7	7
40	Extrakorporale Lungenunterst&#x00fct;tzungsverfahren in der Intensivmedizin. <i>Wiener Klinisches Magazin: Beilage Zur Wiener Klinischen Wochenschrift</i> , <b>2015</b> , 18, 152-157	0	
39	Modulation of stress versus time product during mechanical ventilation influences inflammation as well as alveolar epithelial and endothelial response in rats. <i>Anesthesiology</i> , <b>2015</b> , 122, 106-16	4.3	18
38	Postoperative pulmonary dysfunction and mechanical ventilation in cardiac surgery. <i>Critical Care Research and Practice</i> , <b>2015</b> , 2015, 420513	1.5	41
37	A lung-on-a-chip array with an integrated bio-inspired respiration mechanism. <i>Lab on A Chip</i> , <b>2015</b> , 15, 1302-10	7.2	198
36	Putting the Squeeze on Airway Epithelia. <i>Physiology</i> , <b>2015</b> , 30, 293-303	9.8	25
35	Protection strategies during cardiopulmonary bypass: ventilation, anesthetics and oxygen. <i>Current Opinion in Anaesthesiology</i> , <b>2015</b> , 28, 73-80	2.9	19
34	Differential and opposing effects of imatinib on LPS- and ventilator-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2015</b> , 308, L259-69	5.8	40
33	[Ventilation as a trigger for organ dysfunction and sepsis]. <i>Medizinische Klinik - Intensivmedizin Und Notfallmedizin</i> , <b>2016</b> , 111, 98-106	3.2	3
32	The Biomechanical Environment and Impact on Tissue Fibrosis. <b>2017</b> , 169-188		
31	Critical care management of the patient with cirrhosis awaiting liver transplant in the intensive care unit. <i>Liver Transplantation</i> , <b>2017</b> , 23, 1465-1476	4.5	21
30	[Acute respiratory distress syndrome : Basic principles and treatment]. <i>Der Anaesthetist</i> , <b>2017</b> , 66, 539-552		8
29	Acute-on-Chronic Liver Failure: Getting Ready for Prime Time?. <i>Hepatology</i> , <b>2018</b> , 68, 1621-1632	11.2	65
28	Negative pressure ventilation decreases inflammation and lung edema during normothermic ex-vivo lung perfusion. <i>Journal of Heart and Lung Transplantation</i> , <b>2018</b> , 37, 520-530	5.8	28

27	The basics of respiratory mechanics: ventilator-derived parameters. <i>Annals of Translational Medicine</i> , <b>2018</b> , 6, 376	3.2	13
26	Inhaled TRIM72 Protein Protects Ventilation Injury to the Lung through Injury-guided Cell Repair. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2018</b> , 59, 635-647	5.7	12
25	TRIMming Ventilator-induced Lung Injury by Enhancing Cell Membrane Repair. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2018</b> , 59, 533-534	5.7	1
24	Proteomic Lung Analysis of Mice with Ventilator-Induced Lung Injury (VILI) Using iTRAQ-Based Quantitative Proteomics. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2018</b> , 66, 691-700	1.9	2
23	Prevention and Amelioration of Rodent Ventilation-Induced Lung Injury with Either Prophylactic or Therapeutic feG Administration. <i>Lung</i> , <b>2019</b> , 197, 671-680	2.9	0
22	Pulmonary Endothelial Mechanical Sensing and Signaling, a Story of Focal Adhesions and Integrins in Ventilator Induced Lung Injury. <i>Frontiers in Physiology</i> , <b>2019</b> , 10, 511	4.6	9
21	The Aftermath of Bronchoconstriction. <i>Journal of Engineering and Science in Medical Diagnostics and Therapy</i> , <b>2019</b> , 2, 0108031-108036	1	
20	Computational Modeling of Primary Blast Lung Injury: Implications for Ventilator Management. <i>Military Medicine</i> , <b>2019</b> , 184, 273-281	1.3	6
19	Management of ARDS: From ventilation strategies to intelligent technical support [Connecting the dots. <i>Trends in Anaesthesia and Critical Care</i> , <b>2020</b> , 34, 50-58	0.4	3
18	Are ventilators part of the problem or the solution for COVID-19 mortality?. <i>Pediatric Pulmonology</i> , <b>2021</b> , 56, 2787-2788	3.5	
17	Association Between Arterial Oxygen Saturation and Lung Ultrasound B-Lines After Competitive Deep Breath-Hold Diving. <i>Frontiers in Physiology</i> , <b>2021</b> , 12, 711798	4.6	1
16	Obesity Attenuates Ventilator-Induced Lung Injury by Modulating the STAT3-SOCS3 Pathway. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 720844	8.4	2
15	Zinc deficiency primes the lung for ventilator-induced injury. <i>JCI Insight</i> , <b>2017</b> , 2,	9.9	36
14	In vivo effect of pneumonia on surfactant disaturated-phosphatidylcholine kinetics in newborn infants. <i>PLoS ONE</i> , <b>2014</b> , 9, e93612	3.7	10
13	Cell Jamming in the Airway Epithelium. <i>Annals of the American Thoracic Society</i> , <b>2016</b> , 13 Suppl 1, S64-7	4.7	10
12	Extracorporeal pulmonary support in severe pulmonary failure in adults: a treatment rediscovered. <i>Deutsches A&amp;#x0308;rztblatt International</i> , <b>2013</b> , 110, 159-66	2.5	20
11	Mechanostimulation and Mechanics Analysis of Lung Cells, Lung Tissue and the Entire Lung Organ. <i>Notes on Numerical Fluid Mechanics and Multidisciplinary Design</i> , <b>2011</b> , 129-154	0.3	
10	Respiratory Mechanics and Gas Exchange in Thoracic Surgery: Changes in Classical Knowledge in Respiratory Physiology. <b>2020</b> , 125-136		

9	Liver Transplantation in Acute-on-chronic Liver Failure. <i>Transplantation</i> , <b>2021</b> , 105, 1471-1481	1.8	6
8	Spontaneous Breathing in Acute Respiratory Failure. <i>Annual Update in Intensive Care and Emergency Medicine</i> , <b>2022</b> , 129-136	0.2	
7	A cortactin CTTN coding SNP contributes to lung vascular permeability and inflammatory disease severity in African descent subjects.. <i>Translational Research</i> , <b>2022</b> ,	11	1
6	Plasma and bronchoalveolar lavage fluid oxylipin levels in experimental porcine lung injury.. <i>Prostaglandins and Other Lipid Mediators</i> , <b>2022</b> , 106636	3.7	
5	The exogenous surfactant pre-treatment attenuates ventilator-induced lung injury in adult rats.. <i>Respiratory Physiology and Neurobiology</i> , <b>2022</b> , 103911	2.8	
4	Pretransplant management of the patient with severe acute-on-chronic liver failure. <i>Clinical Liver Disease</i> , <b>2022</b> , 19, 187-190	2.2	
3	Post-COVID Syndrome: The Research Progress in the Treatment of Pulmonary sequelae after COVID-19 Infection. <i>Pharmaceutics</i> , <b>2022</b> , 14, 1135	6.4	2
2	Cirrhosis management in the Intensive Care Unit.		0
1	Ventilation during ex vivo lung perfusion, a review. <b>2023</b> , 100762		0