CITATION REPORT List of articles citing

Intact epithelial barrier function is critical for the resolution of alveolar edema in humans

DOI: 10.1164/ajrccm/142.6_pt_1.1250 The American Review of Respiratory Disease, 1990, 142, 1250-7.

Source: https://exaly.com/paper-pdf/21770051/citation-report.pdf

Version: 2024-04-28

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
566	Epithelial ion transport in the fetal and perinatal lung. 1991 , 261, C555-64		98
565	Beneficial effects of reducing pulmonary edema in patients with acute hypoxemic respiratory failure. 1991 , 100, 890-2		33
564	Intact Epithelial Barrier Function Is Critical for Resolution of Alveolar Edema in Humans: Reply. <i>The American Review of Respiratory Disease</i> , 1991 , 144, 468-468		3
563	Differential responses of the endothelial and epithelial barriers of the lung in sheep to Escherichia coli endotoxin. <i>Journal of Clinical Investigation</i> , 1991 , 88, 864-75	15.9	227
562	Protein kinase C activation does not stimulate lung liquid clearance in anesthetized sheep. <i>The American Review of Respiratory Disease</i> , 1991 , 144, 1085-90		6
561	Critical Care Medicine. 1991 , 265, 3109		
560	Intact epithelial barrier function is critical for resolution of alveolar edema in humans. <i>The American Review of Respiratory Disease</i> , 1991 , 144, 468		5
559	Elevated levels of NAP-1/interleukin-8 are present in the airspaces of patients with the adult respiratory distress syndrome and are associated with increased mortality. <i>The American Review of Respiratory Disease</i> , 1992 , 146, 427-32		416
558	Influence of hypertonic-hyperoncotic solution and furosemide on canine hydrostatic pulmonary oedema resorption. 1992 , 458, 425-38		12
557	A multicenter registry of patients with acute respiratory distress syndrome. Physiology and outcome. <i>The American Review of Respiratory Disease</i> , 1992 , 146, 419-26		234
556	Pulmonary edema associated with salt water near-drowning: new insights. <i>The American Review of Respiratory Disease</i> , 1992 , 146, 794-6		31
555	Inhibition of pulmonary surfactant by oleic acid: mechanisms and characteristics. 1992 , 72, 1708-16		63
554	Neuropeptides in pulmonary edema fluid of adult respiratory distress syndrome. 1992 , 16, 509-17		27
553	Surfactant protein A (SP-A) is decreased in acute parenchymal lung injury associated with polytrauma. 1992 , 22, 712-8		48
552	Lung Hyperpermeability and Changes in Biochemical Constituents in Bronchoalveolar Lavage Fluids Following X Irradiation of the Thorax. 1993 , 134, 151		7
551	Interrelationship of pleural and pulmonary interstitial liquid. 1993 , 55, 209-26		41
550	Experimental hydrostatic pulmonary edema in rabbit lungs. Barrier lesions. <i>The American Review of Respiratory Disease</i> , 1993 , 147, 997-1004		89

549	Effect of metabolic inhibitors on Na+ transport in isolated perfused rat lungs. 1993, 9, 157-65	14
548	New concepts in the formation of pulmonary edema. <i>The American Review of Respiratory Disease</i> , 1993 , 147, 790-2	20
547	Expression of the epithelial Na+ channel in the developing rat lung. 1993 , 265, C491-6	132
546	Endotoxin-stimulated alveolar macrophages impair lung epithelial Na+ transport by an L-Arg-dependent mechanism. 1994 , 266, C1330-41	45
545	A Specific Alveolar Epithelial Type I Cell Marker Detects Injury to the Alveolar Epithelial Barrier in a Model of Acute Lung Injury Induced by Pseudomonas aeruginosa1. 1994 , 27, 165-168	2
544	A Nonselective Cation Channel in Adult Alveolar Epithelial Cells. 1994 , 1, 129-136	
543	Delayed resolution of pulmonary oedema after cocaine/heroin abuse. 1994 , 49, 1038-40	9
542	Eosinophilic endomyocardial disease due to high grade chest wall sarcoma. 1994 , 49, 1040-1	4
541	Transalveolar Na+ absorption. A strategy to counter alveolar flooding?. 1994 , 150, 302-3	13
540	Alveolar fluid clearance in the resected human lung. 1994 , 150, 305-10	222
539	Function of the alveolar epithelial barrier under pathologic conditions. 1994 , 105, 67S-74S	41
538	Human airway ion transport. Part one. 1994 , 150, 271-81	313
537	The effect of salt water on alveolar epithelial barrier function. 1994 , 150, 1555-63	45
536	Outcome in Survivors of the Adult Respiratory Distress Syndrome. 1994 , 15, 335-348	2
535	Alveolar type II cell Na,K-ATPase is upregulated during mechanical ventilation-induced pulmonary edema. 1994 , 105, 116S-117S	11
534	Pulmonary edema after nadbath and retrobulbar blocks. 1994 , 78, 1177-9	7
533	Resistance of the alveolar epithelium to injury from septic shock in sheep. 1995 , 151, 1093-100	16
532	Acute respiratory distress syndrome. 1995 , 29, 1002-9; quiz 1059-60	3

531	Effects of hypothermia and hyperpotassium on alveolar fluid clearance in the resected human lung. 1995 , 25, 694-700	2
530	Fibrosing alveolitis in the adult respiratory distress syndrome. 1995 , 122, 65-6	10
529	The modern version of adult respiratory distress syndrome. 1995 , 46, 193-202	85
528	Resistance of the Alveolar Epithelium to Injury from Septic Shock in Sheep. 1995 , 151, 1093-1100	51
527	Mechanisms of lung liquid clearance during hyperoxia in isolated rat lungs. 1995 , 151, 1519-25	81
526	Effect of neutrophil mediators on epithelial permeability. 1995 , 13, 719-27	57
525	Prospective validation of an acute respiratory distress syndrome predictive score. 1995 , 152, 1518-26	53
524	Rhabdomyolysis as a complication of 5-azacytidine. 1978 , 62, 573-4	70
523	Active transport in the alveolar epithelium of the adult lung: vestigial or vital?. 1995, 100, 177-83	5
522	The acute respiratory distress syndrome. 1995 , 332, 27-37	462
522 521	The acute respiratory distress syndrome. 1995 , 332, 27-37 Early detection and markers of sepsis. <i>Clinics in Chest Medicine</i> , 1996 , 17, 199-212 5.3	462 8
521	Early detection and markers of sepsis. <i>Clinics in Chest Medicine</i> , 1996 , 17, 199-212 5.3	8
521	Early detection and markers of sepsis. <i>Clinics in Chest Medicine</i> , 1996 , 17, 199-212 5.3 Acute respiratory distress syndrome. 1996 , 42, 270-326	8
521 520 519	Early detection and markers of sepsis. <i>Clinics in Chest Medicine</i> , 1996 , 17, 199-212 5.3 Acute respiratory distress syndrome. 1996 , 42, 270-326 Terbutaline stimulates alveolar fluid resorption in hyperoxic lung injury. 1996 , 81, 1723-9	8 26 72
521 520 519 518	Early detection and markers of sepsis. <i>Clinics in Chest Medicine</i> , 1996 , 17, 199-212 5.3 Acute respiratory distress syndrome. 1996 , 42, 270-326 Terbutaline stimulates alveolar fluid resorption in hyperoxic lung injury. 1996 , 81, 1723-9 Hyperbaric oxygenation upregulates rat lung Na,K-ATPase. 1996 , 9, 472-7	8 26 72 17
521 520 519 518 517	Early detection and markers of sepsis. Clinics in Chest Medicine, 1996, 17, 199-212 Acute respiratory distress syndrome. 1996, 42, 270-326 Terbutaline stimulates alveolar fluid resorption in hyperoxic lung injury. 1996, 81, 1723-9 Hyperbaric oxygenation upregulates rat lung Na,K-ATPase. 1996, 9, 472-7 Pulmonary edema in a woman following fetal surgery. 1996, 109, 1114-7	8 26 72 17 44

513	Proteins and phospholipids in BAL from patients with hydrostatic pulmonary edema. 1997 , 155, 945-51	56
512	Dobutamine increases alveolar liquid clearance in ventilated rats by beta-2 receptor stimulation. 1997 , 156, 438-44	61
511	Hypoxia downregulates expression and activity of epithelial sodium channels in rat alveolar epithelial cells. 1997 , 17, 508-18	118
510	The Rationale for Fluid Restriction During Treatment for ARDS. 1997 , 18, 33-38	4
509	Alveolar epithelial fluid clearance mechanisms are intact after moderate hyperoxic lung injury in rats. 1997 , 111, 1381-8	58
508	Soluble transforming growth factor-alpha is present in the pulmonary edema fluid of patients with acute lung injury. 1997 , 111, 652-6	48
507	Differential effects of adenoviral-mediated transfer of Na+/K(+)-ATPase subunit genes in lung epithelial cells. 1997 , 111, 110S-111S	3
506	[New prospects in the clearance of pulmonary edema]. 1997 , 33, 207-9	1
505	Additive nature of distension and surfactant perturbation on alveolocapillary permeability. 1997 , 10, 192-9	18
504	Evidence for a hydrostatic mechanism in human neurogenic pulmonary edema. 1997 , 111, 1326-33	191
504	Evidence for a hydrostatic mechanism in human neurogenic pulmonary edema. 1997 , 111, 1326-33 Radionuclide assessment of pulmonary microvascular permeability. 1997 , 24, 449-61	191 29
503	Radionuclide assessment of pulmonary microvascular permeability. 1997 , 24, 449-61	29
503	Radionuclide assessment of pulmonary microvascular permeability. 1997 , 24, 449-61 Biological markers of acute lung injury: prognostic and pathogenetic significance. 1997 , 155, 1187-205	29 514
503 502 501	Radionuclide assessment of pulmonary microvascular permeability. 1997 , 24, 449-61 Biological markers of acute lung injury: prognostic and pathogenetic significance. 1997 , 155, 1187-205 Hyperoxic effects on alveolar sodium resorption and lung Na-K-ATPase. 1997 , 273, L1191-202	29 514
503 502 501	Radionuclide assessment of pulmonary microvascular permeability. 1997, 24, 449-61 Biological markers of acute lung injury: prognostic and pathogenetic significance. 1997, 155, 1187-205 Hyperoxic effects on alveolar sodium resorption and lung Na-K-ATPase. 1997, 273, L1191-202 The Modern Application of Respiratory Research to Clinical Care. 1997, 7, 1-11 Effects of adenoviral mediated transfer of Na+,K(+)-ATPase subunit genes to alveolar epithelial	29 514 9
503 502 501 500 499	Radionuclide assessment of pulmonary microvascular permeability. 1997, 24, 449-61 Biological markers of acute lung injury: prognostic and pathogenetic significance. 1997, 155, 1187-205 Hyperoxic effects on alveolar sodium resorption and lung Na-K-ATPase. 1997, 273, L1191-202 The Modern Application of Respiratory Research to Clinical Care. 1997, 7, 1-11 Effects of adenoviral mediated transfer of Na+,K(+)-ATPase subunit genes to alveolar epithelial cells. 1997, 834, 104-6	29 514 9

495	Different size limitations for increased transepithelial paracellular solute flux across phorbol ester and tumor necrosis factor-treated epithelial cell sheets. 1997 , 171, 226-33	46
494	The American-European Consensus Conference on ARDS, part 2. Ventilatory, pharmacologic, supportive therapy, study design strategies and issues related to recovery and remodeling. 1998 , 24, 378-98	156
493	Pulmonary edema in obstetric patients is rapidly resolved except in the presence of infection or of nitroglycerin tocolysis after open fetal surgery. 1998 , 179, 925-33	69
492	ARDS: Current Treatment and Ventilator Strategies. 1998 , 16, 155-180	1
491	Altitude-related illness in children. 1998 , 28, 181-98	11
490	Inhaled nitric oxide for adult respiratory distress syndrome after pulmonary resection. 1998 , 66, 1894-902	49
489	The pathophysiology of the acute respiratory distress syndrome. 1998 , 5, 1-13	3
488	Oxidant Effects on Epithelial Na,K-ATPase Gene Expression and Promoter Function. 1998 , 106, 1213	О
487	Significance of ion transport during lung development and in respiratory disease of the newborn. 1998 , 30, 134-42	25
486	Ventilator-induced lung injury: lessons from experimental studies. 1998 , 157, 294-323	2919
486 485	Ventilator-induced lung injury: lessons from experimental studies. 1998, 157, 294-323 The American-European Consensus Conference on ARDS, part 2: Ventilatory, pharmacologic, supportive therapy, study design strategies, and issues related to recovery and remodeling. Acute respiratory distress syndrome. 1998, 157, 1332-47	2919 289
	The American-European Consensus Conference on ARDS, part 2: Ventilatory, pharmacologic, supportive therapy, study design strategies, and issues related to recovery and remodeling. Acute	
485	The American-European Consensus Conference on ARDS, part 2: Ventilatory, pharmacologic, supportive therapy, study design strategies, and issues related to recovery and remodeling. Acute respiratory distress syndrome. 1998 , 157, 1332-47 Hepatocyte growth factor and keratinocyte growth factor in the pulmonary edema fluid of patients	289
485 484	The American-European Consensus Conference on ARDS, part 2: Ventilatory, pharmacologic, supportive therapy, study design strategies, and issues related to recovery and remodeling. Acute respiratory distress syndrome. 1998, 157, 1332-47 Hepatocyte growth factor and keratinocyte growth factor in the pulmonary edema fluid of patients with acute lung injury. Biologic and clinical significance. 1998, 158, 386-94 Relation between alpha, beta, and gamma human amiloride- sensitive epithelial Na+ channel mRNA	289
485 484 483	The American-European Consensus Conference on ARDS, part 2: Ventilatory, pharmacologic, supportive therapy, study design strategies, and issues related to recovery and remodeling. Acute respiratory distress syndrome. 1998, 157, 1332-47 Hepatocyte growth factor and keratinocyte growth factor in the pulmonary edema fluid of patients with acute lung injury. Biologic and clinical significance. 1998, 158, 386-94 Relation between alpha, beta, and gamma human amiloride- sensitive epithelial Na+ channel mRNA levels and nasal epithelial potential difference in healthy men. 1998, 158, 1213-20 Endothelial exposure to Pseudomonas aeruginosa proteases increases the vulnerability of the	289 117 15
485 484 483 482	The American-European Consensus Conference on ARDS, part 2: Ventilatory, pharmacologic, supportive therapy, study design strategies, and issues related to recovery and remodeling. Acute respiratory distress syndrome. 1998, 157, 1332-47 Hepatocyte growth factor and keratinocyte growth factor in the pulmonary edema fluid of patients with acute lung injury. Biologic and clinical significance. 1998, 158, 386-94 Relation between alpha, beta, and gamma human amiloride- sensitive epithelial Na+ channel mRNA levels and nasal epithelial potential difference in healthy men. 1998, 158, 1213-20 Endothelial exposure to Pseudomonas aeruginosa proteases increases the vulnerability of the alveolar epithelium to a second injury. 1998, 18, 129-35	289 117 15
485 484 483 482 481	The American-European Consensus Conference on ARDS, part 2: Ventilatory, pharmacologic, supportive therapy, study design strategies, and issues related to recovery and remodeling. Acute respiratory distress syndrome. 1998, 157, 1332-47 Hepatocyte growth factor and keratinocyte growth factor in the pulmonary edema fluid of patients with acute lung injury. Biologic and clinical significance. 1998, 158, 386-94 Relation between alpha, beta, and gamma human amiloride- sensitive epithelial Na+ channel mRNA levels and nasal epithelial potential difference in healthy men. 1998, 158, 1213-20 Endothelial exposure to Pseudomonas aeruginosa proteases increases the vulnerability of the alveolar epithelium to a second injury. 1998, 18, 129-35 Hydrostatic and Increased Permeability Pulmonary Edema in Pregnancy. 1998, 19, 243-258	289 117 15 8

477	Oxidant effects on epithelial Na,K-ATPase gene expression and promoter function. 1998 , 106 Suppl 5, 1213-7	3
476	Epidermal growth factor increases lung liquid clearance in rat lungs. 1998 , 85, 1004-10	30
475	Upregulation of alveolar epithelial fluid transport after subacute lung injury in rats from bleomycin. 1998 , 275, L478-90	35
474	Inhibition of amiloride-sensitive sodium-channel activity in distal lung epithelial cells by nitric oxide. 1998 , 274, L378-87	26
473	Modulation of lung liquid clearance by isoproterenol in rat lungs. 1998 , 274, L694-701	39
472	cAMP activation of chloride and fluid secretion across the rabbit alveolar epithelium. 1998 , 275, L1127-33	42
471	alpha-adrenergic blockade restores normal fluid transport capacity of alveolar epithelium after hemorrhagic shock. 1999 , 277, L760-8	18
470	Ischemia-reperfusion lung injury in rabbits: mechanisms of injury and protection. 1999 , 276, L137-45	23
469	Inhibition of beta-adrenergic-dependent alveolar epithelial clearance by oxidant mechanisms after hemorrhagic shock. 1999 , 276, L844-57	41
468	Mechanical stretching of alveolar epithelial cells increases Na(+)-K(+)-ATPase activity. 1999 , 87, 715-21	58
467	Influence of inhaled nitric oxide and hyperoxia on Na,K-ATPase expression and lung edema in newborn piglets. 1999 , 75, 199-209	16
466	Alveolar epithelial fluid transport can be simultaneously upregulated by both KGF and beta-agonist therapy. 1999 , 87, 1852-60	84
465	Acute respiratory distress syndrome: 30 years later. 1999 , 6, 71-86	32
464	Alveolar epithelial fluid transport and the resolution of clinically severe hydrostatic pulmonary edema. 1999 , 87, 1301-12	137
463	Elevated pulmonary edema fluid concentrations of soluble intercellular adhesion molecule-1 in patients with acute lung injury: biological and clinical significance. 1999 , 116, 83S-84S	37
462	Acid-induced lung injury. Protective effect of anti-interleukin-8 pretreatment on alveolar epithelial barrier function in rabbits. 1999 , 160, 1450-6	119
461	Interleukin-8 mediates injury from smoke inhalation to both the lung endothelial and the alveolar epithelial barriers in rabbits. 1999 , 160, 1443-9	88
460	Dopamine restores lung ability to clear edema in rats exposed to hyperoxia. 1999 , 159, 626-33	58

459	Strategies to increase alveolar epithelial fluid removal in the injured lung. 1999 , 160, 1441-2	43
458	Alveolar epithelial fluid transport capacity in reperfusion lung injury after lung transplantation. 1999 , 159, 980-8	117
457	Stimulation of the dopamine 1 receptor increases lung edema clearance. 1999 , 160, 982-6	52
456	Treatment of adult respiratory distress syndrome: plea for rescue therapy of the alveolar epithelium. 1999 , 54, 150-60	105
455	Sodium channels in alveolar epithelial cells: molecular characterization, biophysical properties, and physiological significance. 1999 , 61, 627-61	296
454	Partitioning lung and plasma proteins: circulating surfactant proteins as biomarkers of alveolocapillary permeability. 1999 , 26, 185-97	33
453	The pathophysiology of high altitude pulmonary edema. 1999 , 10, 88-92	5
452	Poumon et sepsis. 1999 , 8, 126-129	
451	Intact Alveolar Epithelial Permeability and Transalveolar Fluid Absorption after Thoracic Irradiation in Rats. 1999 , 152, 517	3
450	Invited Commentary. 1999 , 19, 1532-1533	20
45° 449	Invited Commentary. 1999, 19, 1532-1533 Lung cytokines and ARDS: Roger S. Mitchell Lecture. 1999, 116, 2S-8S	20
449	Lung cytokines and ARDS: Roger S. Mitchell Lecture. 1999 , 116, 2S-8S	114
449	Lung cytokines and ARDS: Roger S. Mitchell Lecture. 1999 , 116, 2S-8S Halothane does not decrease amiloride-sensitive alveolar fluid clearance in rabbits. 2000 , 90, 1445-9 Pretreatment with cationic lipid-mediated transfer of the Na+K+-ATPase pump in a mouse model in	114 5
449 448 447	Lung cytokines and ARDS: Roger S. Mitchell Lecture. 1999 , 116, 2S-8S Halothane does not decrease amiloride-sensitive alveolar fluid clearance in rabbits. 2000 , 90, 1445-9 Pretreatment with cationic lipid-mediated transfer of the Na+K+-ATPase pump in a mouse model in vivo augments resolution of high permeability pulmonary oedema. 2000 , 7, 960-6	114 5 52
449 448 447 446	Lung cytokines and ARDS: Roger S. Mitchell Lecture. 1999 , 116, 2S-8S Halothane does not decrease amiloride-sensitive alveolar fluid clearance in rabbits. 2000 , 90, 1445-9 Pretreatment with cationic lipid-mediated transfer of the Na+K+-ATPase pump in a mouse model in vivo augments resolution of high permeability pulmonary oedema. 2000 , 7, 960-6 Monitoring alveolar epithelial function in acute lung injury. 2000 , 16, 385-92 Keratinocyte growth factor protects against Pseudomonas aeruginosa-induced lung injury. 2000 ,	1145523
449 448 447 446 445	Lung cytokines and ARDS: Roger S. Mitchell Lecture. 1999, 116, 2S-8S Halothane does not decrease amiloride-sensitive alveolar fluid clearance in rabbits. 2000, 90, 1445-9 Pretreatment with cationic lipid-mediated transfer of the Na+K+-ATPase pump in a mouse model in vivo augments resolution of high permeability pulmonary oedema. 2000, 7, 960-6 Monitoring alveolar epithelial function in acute lung injury. 2000, 16, 385-92 Keratinocyte growth factor protects against Pseudomonas aeruginosa-induced lung injury. 2000, 279, L1199-209 TNF-alpha stimulates alveolar liquid clearance during intestinal ischemia-reperfusion in rats. 2000,	114552362

(2001-2000)

441	experiments. 2000 , 278, L233-8		29
440	Beta-adrenergic agonist therapy accelerates the resolution of hydrostatic pulmonary edema in sheep and rats. 2000 , 89, 1255-65		91
439	Unilateral lung edema: effects on pulmonary gas exchange, hemodynamics, and pulmonary perfusion distribution. 2000 , 89, 1513-21		8
438	Modification of biophysical properties of lung epithelial Na(+) channels by dexamethasone. 2000 , 279, C762-70		75
437	Oxidative stress disrupts glucocorticoid hormone-dependent transcription of the amiloride-sensitive epithelial sodium channel alpha-subunit in lung epithelial cells through ERK-dependent and thioredoxin-sensitive pathways. 2000 , 275, 8600-9		59
436	Alveolar permeability and liquid absorption during partial liquid ventilation of rats with perflubron. 2000 , 161, 44-9		15
435	Deformation-induced injury of alveolar epithelial cells. Effect of frequency, duration, and amplitude. 2000 , 162, 357-62		278
434	Upregulation of two death pathways of perforin/granzyme and FasL/Fas in septic acute respiratory distress syndrome. 2000 , 161, 237-43		138
433	Preventing endotoxin-stimulated alveolar macrophages from decreasing epithelium Na+ channel (ENaC) mRNA levels and activity. 2000 , 48, 304-10		19
432	Epithelial Na(+) channel (ENaC) expression in the developing normal and abnormal human perinatal lung. 2000 , 161, 1322-31		60
431	A novel alveolar type I cell-specific biochemical marker of human acute lung injury. 2000 , 161, 990-5		40
430	DETANONOate, a nitric oxide donor, decreases amiloride-sensitive alveolar fluid clearance in rabbits. 2000 , 161, 1154-60		24
429	Influenza virus inhibits amiloride-sensitive Na+ channels in respiratory epithelia. 2000, 97, 10282-7		103
428	Protection from lethal apoptosis in lipopolysaccharide-induced acute lung injury in mice by a caspase inhibitor. <i>American Journal of Pathology</i> , 2000 , 157, 597-603	5.8	201
427	Alveolar epithelial barrier. Role in lung fluid balance in clinical lung injury. <i>Clinics in Chest Medicine</i> , 2000 , 21, 477-90	5.3	63
426	Mechanisms of repair and remodeling following acute lung injury. <i>Clinics in Chest Medicine</i> , 2000 , 21, 589-616	5.3	45
425	The acute respiratory distress syndrome. 2000 , 342, 1334-49		5180
424	Anaesthesia, Pain, Intensive Care and Emergency Medicine [A.P.I.C.E 2001 ,		

423 Alveolar Epithelial Repair in Acute Lung Injury. **2001**, 163-176

422	Parathyroid hormone-related protein and lung injury after pulmonary thromboendarterectomy. 2001 , 102, 1-7	7
421	Lack of amiloride-sensitive transport across alveolar and respiratory epithelium of iNOS(-/-) mice in vivo. 2001 , 281, L722-31	49
420	Pulmonary edema fluid movement within the lung. 2001 , 281, L1324-6	9
419	Effects of hypoxia on alveolar fluid transport capacity in rat lungs. 2001 , 91, 1766-74	31
418	Mechanisms of TNF-alpha stimulation of amiloride-sensitive sodium transport across alveolar epithelium. 2001 , 280, L1258-65	84
417	New bronchoscopic microsample probe to measure the biochemical constituents in epithelial lining fluid of patients with acute respiratory distress syndrome. 2001 , 29, 896-8	91
416	von Willebrand factor antigen is an independent marker of poor outcome in patients with early acute lung injury. 2001 , 29, 2325-31	114
415	Etiology of acute pulmonary edema during liver transplantation: a series of cases with analysis of the edema fluid. 2001 , 119, 219-23	82
4 ¹ 4	Beta1-adrenergic agonist is a potent stimulator of alveolar fluid clearance in hyperoxic rat lungs. 2001 , 85, 161-6	14
413	Rapid alveolar epithelial fluid clearance following lung lavage in pulmonary alveolar proteinosis. 2001 , 120, 271-4	15
412	Current concepts in adult respiratory distress syndrome in children. 2001 , 13, 261-6	22
411	Treatment of ARDS. 2001 , 120, 1347-67	157
410	Spermine increases the active and passive transport across the alveolar epithelium in situ: effect of thiol reagents. 2001 , 441, 559-65	9
409	Fas/FasL-dependent apoptosis of alveolar cells after lipopolysaccharide-induced lung injury in mice. 2001 , 163, 762-9	244
408	Reactive nitrogen species inhibit alveolar epithelial fluid transport after hemorrhagic shock in rats. 2001 , 166, 6301-10	68
407	Inhibition of active sodium absorption leads to a net liquid secretion into in vivo rabbit lung at two levels of alveolar hypoxia. 2001 , 87, 897-904	6
406	Increased levels of nitrate and surfactant protein a nitration in the pulmonary edema fluid of patients with acute lung injury. 2001 , 163, 166-72	149

405	Alveolar epithelial transport. Basic science to clinical medicine. 2001 , 163, 1021-9	111
404	Alveolar fluid clearance is impaired in the majority of patients with acute lung injury and the acute respiratory distress syndrome. 2001 , 163, 1376-83	711
403	Elevated plasma surfactant protein-B predicts development of acute respiratory distress syndrome in patients with acute respiratory failure. 2001 , 164, 648-52	46
402	Pulmonary edema fluid from patients with acute lung injury augments in vitro alveolar epithelial repair by an IL-1beta-dependent mechanism. 2001 , 163, 1384-8	146
401	Expression of alpha-, beta-, and gamma-hENaC mRNA in the human nasal, bronchial, and distal lung epithelium. 2001 , 163, 273-6	20
400	Alveolar edema must be cleared for the acute respiratory distress syndrome patient to survive. 2001 , 163, 1293-4	83
399	Clinical epidemiology of acute lung injury. 2001 , 22, 237-46	10
398	Modification of sodium transport and alveolar fluid clearance by hypoxia: mechanisms and physiological implications. 2001 , 25, 538-41	16
397	The Sepsis Text. 2002 ,	2
396	Invited review: biophysical properties of sodium channels in lung alveolar epithelial cells. 2002 , 93, 1852-9	112
396	Invited review: biophysical properties of sodium channels in lung alveolar epithelial cells. 2002, 93, 1852-9 Alveolar epithelial type I cells contain transport proteins and transport sodium, supporting an active role for type I cells in regulation of lung liquid homeostasis. 2002, 99, 1966-71	204
	Alveolar epithelial type I cells contain transport proteins and transport sodium, supporting an	
395	Alveolar epithelial type I cells contain transport proteins and transport sodium, supporting an active role for type I cells in regulation of lung liquid homeostasis. 2002 , 99, 1966-71	204
395	Alveolar epithelial type I cells contain transport proteins and transport sodium, supporting an active role for type I cells in regulation of lung liquid homeostasis. 2002 , 99, 1966-71 Management of Respiratory Dysfunction in Patients with Severe Sepsis. 2002 , 455-477	204
395 394 393	Alveolar epithelial type I cells contain transport proteins and transport sodium, supporting an active role for type I cells in regulation of lung liquid homeostasis. 2002, 99, 1966-71 Management of Respiratory Dysfunction in Patients with Severe Sepsis. 2002, 455-477 Alveolar fluid clearance in patients with ARDS: does it make a difference?. 2002, 122, 340S-343S	204
395 394 393 392	Alveolar epithelial type I cells contain transport proteins and transport sodium, supporting an active role for type I cells in regulation of lung liquid homeostasis. 2002, 99, 1966-71 Management of Respiratory Dysfunction in Patients with Severe Sepsis. 2002, 455-477 Alveolar fluid clearance in patients with ARDS: does it make a difference?. 2002, 122, 340S-343S Lung epithelial fluid transport and the resolution of pulmonary edema. 2002, 82, 569-600	204 1 49 602
395 394 393 392 391	Alveolar epithelial type I cells contain transport proteins and transport sodium, supporting an active role for type I cells in regulation of lung liquid homeostasis. 2002, 99, 1966-71 Management of Respiratory Dysfunction in Patients with Severe Sepsis. 2002, 455-477 Alveolar fluid clearance in patients with ARDS: does it make a difference?. 2002, 122, 3405-343S Lung epithelial fluid transport and the resolution of pulmonary edema. 2002, 82, 569-600 Low tidal volume reduces epithelial and endothelial injury in acid-injured rat lungs. 2002, 165, 242-9 The impact of phorbol ester on the regulation of amiloride-sensitive epithelial sodium channel in	204 1 49 602 266

387	Oxidant-antioxidant balance in acute lung injury. 2002 , 122, 314S-320S	227
386	Bronchoalveolar lavage fluids of patients with lung injury activate the transcription factor nuclear factor-kappaB in an alveolar cell line. <i>Clinical Science</i> , 2002 , 103, 577-85	11
385	Pulmonary edema during pregnancy: unilateral presentation is not rare. 2002 , 66, 623-6	18
384	Keratinocyte and hepatocyte growth factors in the lung: roles in lung development, inflammation, and repair. 2002 , 282, L924-40	253
383	Lung edema clearance: 20 years of progress: invited review: alveolar edema fluid clearance in the injured lung. 2002 , 93, 2207-13	107
382	Lidocaine induces a reversible decrease in alveolar epithelial fluid clearance in rats. 2002 , 96, 392-9	16
381	The pulmonary physician in critical care * 6: The pathogenesis of ALI/ARDS. 2002, 57, 540-6	137
380	Fas and fas ligand are up-regulated in pulmonary edema fluid and lung tissue of patients with acute lung injury and the acute respiratory distress syndrome. <i>American Journal of Pathology</i> , 2002 , 161, 1783- $\frac{5}{9}$ 6	253
379	Effects of beta2-adrenergic receptor overexpression on alveolar epithelial active transport. 2002 , 110, S242-6	18
378	Salmeterol for the prevention of high-altitude pulmonary edema. 2002, 346, 1631-6	330
378 377	Salmeterol for the prevention of high-altitude pulmonary edema. 2002, 346, 1631-6 Enhancement of alveolar epithelial beta(2)-adrenergic receptor function via gene transfer. 2002, 121, 45S-46S	330
	Enhancement of alveolar epithelial beta(2)-adrenergic receptor function via gene transfer. 2002 ,	
377	Enhancement of alveolar epithelial beta(2)-adrenergic receptor function via gene transfer. 2002 , 121, 45S-46S	
377 376	Enhancement of alveolar epithelial beta(2)-adrenergic receptor function via gene transfer. 2002, 121, 45S-46S Lung edema clearance: 20 years of progress. 2002, 93, 1183-4 Selected contribution: long-term effects of beta(2)-adrenergic receptor stimulation on alveolar	0 41
377 376 375	Enhancement of alveolar epithelial beta(2)-adrenergic receptor function via gene transfer. 2002, 121, 45S-46S Lung edema clearance: 20 years of progress. 2002, 93, 1183-4 Selected contribution: long-term effects of beta(2)-adrenergic receptor stimulation on alveolar fluid clearance in mice. 2002, 93, 1875-80	0 41
377 376 375 374	Enhancement of alveolar epithelial beta(2)-adrenergic receptor function via gene transfer. 2002, 121, 45S-46S Lung edema clearance: 20 years of progress. 2002, 93, 1183-4 Selected contribution: long-term effects of beta(2)-adrenergic receptor stimulation on alveolar fluid clearance in mice. 2002, 93, 1875-80 Regulation of ion and fluid transport across the distal pulmonary epithelia: new insights. 2002, 282, L595-L5 Analysis of edema fluids and histologic features of the lung in reexpansion pulmonary edema	o 41 983
377 376 375 374 373	Enhancement of alveolar epithelial beta(2)-adrenergic receptor function via gene transfer. 2002, 121, 45S-46S Lung edema clearance: 20 years of progress. 2002, 93, 1183-4 Selected contribution: long-term effects of beta(2)-adrenergic receptor stimulation on alveolar fluid clearance in mice. 2002, 93, 1875-80 Regulation of ion and fluid transport across the distal pulmonary epithelia: new insights. 2002, 282, L595-L5 Analysis of edema fluids and histologic features of the lung in reexpansion pulmonary edema during video-assisted thoracoscopic surgery. 2002, 123, 387-9	0 41 98 3

(2003-2002)

369	Stress preconditioning attenuates oxidative injury to the alveolar epithelium of the lung following haemorrhage in rats. 2002 , 538, 583-97	46
368	Pulmonary oedema fluid induces non-alpha-ENaC-dependent Na(+) transport and fluid absorption in the distal lung. 2002 , 544, 537-48	35
367	Ventilator-associated pneumonia and atelectasis: evaluation through bronchoalveolar lavage fluid analysis. 2003 , 29, 555-63	68
366	In vivo timing of onset of transgene expression following adenoviral-mediated gene transfer. 2003 , 308, 243-9	12
365	Effects of chronic alcohol abuse on alveolar epithelial barrier function and glutathione homeostasis. 2003 , 27, 1167-72	34
364	Acute lung injury and the acute respiratory distress syndrome. 2003 , 19, 693-712	17
363	Science review: mechanisms of ventilator-induced injury. 2003 , 7, 233-41	139
362	Bronchoalveolar lavage fluids of ventilated patients with acute lung injury activate NF-kappaB in alveolar epithelial cell line: role of reactive oxygen/nitrogen species and cytokines. 2003 , 9, 33-43	23
361	O2 can raise fetal pneumocyte Na+ conductance without affecting ENaC mRNA abundance. 2003 , 305, 671-6	11
360	Survival of severe ARDS with five-organ system failure following burns and inhalation injury in a 15-year-old patient. 2003 , 29, 389-94	10
359	Vectorial sodium transport across the mammalian alveolar epithelium: it occurs but through which cells?. 2003 , 92, 348-9	4
358	Bronchoalveolar lavage alterations during prolonged ventilation of patients without acute lung injury. 2003 , 21, 495-501	80
357	Transforming growth factor-beta1 decreases expression of the epithelial sodium channel alphaENaC and alveolar epithelial vectorial sodium and fluid transport via an ERK1/2-dependent mechanism. 2003 , 278, 43939-50	128
356	Inducible expression of keratinocyte growth factor (KGF) in mice inhibits lung epithelial cell death induced by hyperoxia. 2003 , 100, 6098-103	118
355	Alveolar liquid clearance and sodium channel expression are decreased in transplanted canine lungs. 2003 , 167, 1440-50	40
354	Early changes in alveolar fluid clearance by nitric oxide after endotoxin instillation in rats. 2003 , 167, 205-10	15
353	High tidal volume ventilation induces NOS2 and impairs cAMP- dependent air space fluid clearance. 2003 , 284, L791-8	65
352	Fluid management in patients with acute respiratory distress syndrome. 2003 , 9, 481-93	12

351	Prognostic value of surfactant proteins A and D in patients with acute lung injury. 2003, 31, 20-7	110
350	Single dexamethasone injection increases alveolar fluid clearance in adult rats. 2003 , 31, 1183-9	36
349	Transforming growth factor-beta: a mediator of cell regulation in acute respiratory distress syndrome. 2003 , 31, S258-64	85
348	Advances in the Pathogenesis and Treatment of the Acute Respiratory Distress Syndrome. 2003 , 10, 208-218	1
347	Prolonged alveolocapillary barrier damage after acute cardiogenic pulmonary edema. 2003, 31, 1060-7	60
346	Injury and repair in lung and airways. 2003 , 31, S524-31	96
345	The role of apoptosis in acute lung injury. 2003 , 31, S184-8	167
344	Serial changes in nasal potential difference and lung electrical impedance tomography at high altitude. 2003 , 94, 2043-50	42
343	Protein C and thrombomodulin in human acute lung injury. 2003 , 285, L514-21	260
342	Modulation of ion conductance and active transport by TGF-beta 1 in alveolar epithelial cell monolayers. 2003 , 285, L1192-200	30
341	Alveolar flooding at high altitude: failure of reabsorption?. 2003, 18, 55-9	13
340	Protein transport across the lung epithelial barrier. 2003 , 284, L247-59	177
339	Modulation of sodium transport in fetal alveolar epithelial cells by oxygen and corticosterone. 2003 , 284, L376-85	46
338	Proteomics: current techniques and potential applications to lung disease. 2004 , 287, L1-23	88
337	Unraveling the mechanism of high altitude pulmonary edema. 2004 , 5, 125-35	37
336	Integrated control of lung fluid balance. 2004 , 287, L1081-90	93
335	Pulmonary edema fluid from patients with early lung injury stimulates fibroblast proliferation through IL-1 beta-induced IL-6 expression. 2004 , 172, 2668-77	111
334	Apoptosis inhibition in P. aeruginosa-induced lung injury influences lung fluid balance. 2004 , 30, 1204-11	17

(2005-2004)

333	Hydrostatic mechanisms may contribute to the pathogenesis of human re-expansion pulmonary edema. 2004 , 30, 1921-6	446
332	Airspace fluid clearance in the normal and edematous newborn lung: cardiogenic pulmonary edema fluid alters the clearance of airspace fluid. 2004 , 26, 121-2	
331	Bench-to-bedside review: beta2-Agonists and the acute respiratory distress syndrome. 2004 , 8, 25-32	55
330	Bench-to-bedside review: the role of the alveolar epithelium in the resolution of pulmonary edema in acute lung injury. 2004 , 8, 469-77	57
329	Apoptosis: implicaciones en Medicina Intensiva. 2004 , 28, 319-328	4
328	Developmental regulation of lung liquid transport. 2004 , 66, 77-101	150
327	Plasma protein C levels in patients with acute lung injury: prognostic significance. 2004 , 32, S229-32	46
326	Clinically relevant concentrations of beta2-adrenergic agonists stimulate maximal cyclic adenosine monophosphate-dependent airspace fluid clearance and decrease pulmonary edema in experimental acid-induced lung injury. 2004 , 32, 1470-6	166
325	Elevation of KL-6, a lung epithelial cell marker, in plasma and epithelial lining fluid in acute respiratory distress syndrome. 2004 , 286, L1088-94	127
324	The acute respiratory distress syndrome. 2004 , 141, 460-70	220
323	Proteomic analysis of pulmonary edema fluid and plasma in patients with acute lung injury. 2004 , 286, L1095-104	73
322	Nucleotide-mediated inhibition of alveolar fluid clearance in BALB/c mice after respiratory syncytial virus infection. 2004 , 286, L112-20	68
321	Chapter 16 Looking to the future as keepers of the dam. 2005 , 35, 471-516	
320	Pulmonary edema in infants and children. 2005 , 17, 381-4	16
319	Valoracifi clfiica de la lesifi pulmonar aguda. 2005 , 29, 389-392	3
318	Nitric oxide-related products and myeloperoxidase in bronchoalveolar lavage fluids from patients with ALI activate NF-kappa B in alveolar cells and monocytes. 2005 , 43, 425-33	10
317	Proteomic identification of human neutrophil alpha-defensins in chronic lung allograft rejection. 2005 , 5, 1705-13	48
316	Lung oedema in acute lung injury. 2005 , 345-355	2

315	Mechanisms of pulmonary edema clearance. 2005 , 289, L685-95	143
314	Chemokines in acute respiratory distress syndrome. 2005 , 288, L3-15	221
313	Decreased expression of both the alpha1- and alpha2-subunits of the Na-K-ATPase reduces maximal alveolar epithelial fluid clearance. 2005 , 289, L104-10	30
312	Acute Respiratory Distress Syndrome. 2005 , 18, 118-131	1
311	Thrombin impairs alveolar fluid clearance by promoting endocytosis of Na+,K+-ATPase. 2005, 33, 343-54	56
310	Oleic acid inhibits alveolar fluid reabsorption: a role in acute respiratory distress syndrome?. 2005 , 171, 469-79	68
309	Interleukin-1beta decreases expression of the epithelial sodium channel alpha-subunit in alveolar epithelial cells via a p38 MAPK-dependent signaling pathway. 2005 , 280, 18579-89	138
308	Apoptosis and epithelial injury in the lungs. 2005 , 2, 214-20	150
307	Oleic acid damages ion transport and promotes alveolar edema: the dark side of healthy living. 2005 , 171, 424-5	5
306	The dopamine paradox in lung and kidney epithelia: sharing the same target but operating different signaling networks. 2005 , 33, 432-7	50
305	Effects of hypoxia on the alveolar epithelium. 2005 , 2, 202-5	54
304	Acute lung injury and the acute respiratory distress syndrome: four decades of inquiry into pathogenesis and rational management. 2005 , 33, 319-27	474
303	Fas-mediated acute lung injury requires fas expression on nonmyeloid cells of the lung. 2005 , 175, 4069-75	48
302	Effects of transdifferentiation and EGF on claudin isoform expression in alveolar epithelial cells. 2005 , 98, 322-8	58
301	Alveolar epithelium: role in lung fluid balance and acute lung injury. 2005, 2, 206-13	148
300	Effects of hypoxia and hypercapnia on surfactant protein expression proliferation and apoptosis in A549 alveolar epithelial cells. 2005 , 78, 284-93	26
299	Hypertonic sodium chloride induction of cyclooxygenase-2 occurs independently of NF-kappaB and is inhibited by the glucocorticoid receptor in A549 cells. 2005 , 579, 5430-6	8
298	Chronic pneumonia with Pseudomonas aeruginosa and impaired alveolar fluid clearance. 2005 , 6, 17	13

(2006-2005)

297	Is there a role for beta-adrenoceptor agonists in the management of acute lung injury and the acute respiratory distress syndrome?. 2005 , 4, 297-307	10
296	Intravenous administration of activated protein C in Pseudomonas-induced lung injury: impact on lung fluid balance and the inflammatory response. 2006 , 7, 41	47
295	Dexamethasone treatment attenuates early seawater instillation-induced acute lung injury in rabbits. 2006 , 53, 372-9	33
294	Biologic markers of mortality in acute lung injury. 2006 , 372, 24-32	16
293	Role of alveolar epithelial sodium transport in high altitude pulmonary edema (HAPE). 2006 , 151, 178-91	30
292	Paraquat-Induced Apoptotic Cell Death in Lung Epithelial Cells. 2006 , 61, 366	1
291	Role of nonbronchoscopic lavage for investigating alveolar inflammation and permeability in acute respiratory distress syndrome. 2006 , 34, 57-64	31
290	High-frequency oscillation and prone position. 2006 , 34, 1578; author reply 1578-9	
289	Cytokeratin 19 fragments in patients with acute lung injury: a preliminary observation. 2006, 32, 910-4	6
288	Receptor for advanced glycation end-products is a marker of type I cell injury in acute lung injury. 2006 , 173, 1008-15	329
287	The beta-agonist lung injury trial (BALTI): a randomized placebo-controlled clinical trial. 2006, 173, 281-7	400
286	Pathophysiology of acute lung injury and the acute respiratory distress syndrome. 2006 , 27, 337-49	404
285	Acute interstitial pneumonia and acute exacerbations of idiopathic pulmonary fibrosis. 2006, 27, 659-67	22
284	Alveolar epithelial ion and fluid transport: recent progress. 2006 , 35, 10-9	93
283	Dopamine regulation of amiloride-sensitive sodium channels in lung cells. 2006 , 290, L710-L722	65
282	Zinc modulates cytokine-induced lung epithelial cell barrier permeability. 2006 , 291, L1132-41	67
281	Extracellular heat shock protein 72 is a marker of the stress protein response in acute lung injury. 2006 , 291, L354-61	60
280	Ventilator-Induced Lung Injury. 2006,	3

279	Pharmacotherapy of acute lung injury and the acute respiratory distress syndrome. 2006 , 21, 119-43	161
278	The alveolar epithelium can initiate the extrinsic coagulation cascade through expression of tissue factor. 2007 , 62, 608-16	110
277	Acute lung injury edema fluid decreases net fluid transport across human alveolar epithelial type II cells. 2007 , 282, 24109-19	69
276	Dexamethasone prevents transport inhibition by hypoxia in rat lung and alveolar epithelial cells by stimulating activity and expression of Na+-K+-ATPase and epithelial Na+ channels. 2007 , 293, L1332-8	47
275	Modulation of alveolar fluid clearance by reactive oxygen-nitrogen intermediates. 2007 , 293, L855-8	18
274	Omega-3 polyunsaturated fatty acids improve host response in chronic Pseudomonas aeruginosa lung infection in mice. 2007 , 292, L1422-31	33
273	Pulmonary Na+ transport induced by lung edema fluid. 2007 , 293, L535-6	1
272	The role of alpha-, beta-, and gamma-ENaC subunits in distal lung epithelial fluid absorption induced by pulmonary edema fluid. 2007 , 293, L537-45	27
271	Peroxisome proliferator-activated receptors and acute lung injury. 2007 , 2007, 63745	19
270	Mechanisms of Sepsis-Induced Organ Dysfunction and Recovery. <i>Update in Intensive Care and Emergency Medicine</i> , 2007 ,	
269	Postobstructive pulmonary edema: a case for hydrostatic mechanisms. 2007 , 131, 1742-6	80
268	Altitude-related cough. 2007 , 20, 388-95	12
267	Alveolar edema fluid clearance and acute lung injury. 2007, 159, 350-9	120
266	beta-Liddle mutation of the epithelial sodium channel increases alveolar fluid clearance and reduces the severity of hydrostatic pulmonary oedema in mice. 2007 , 582, 777-88	27
265	Acute lung injury/acute respiratory distress syndrome (ALI/ARDS): the mechanism, present strategies and future perspectives of therapies. 2007 , 8, 60-9	58
264	Pulmonary Dysfunction. 2007 , 353-368	
263	Proteomic Analysis of Two Non-Bronchoscopic Methods of Sampling the Lungs of Patients with the Acute Respiratory Distress Syndrome (ARDS). 2007 , 3, 30-41	1
262	Acute Lung Injury: Acute Respiratory Distress Syndrome. 2008 , 28-41	

261	Intermittent hypoxia at rest for improvement of athletic performance. 2008, 18 Suppl 1, 50-6	21
260	Combined therapy of pentastarch, dexamethasone, and dibutyryl-cAMP or beta 2-agonist attenuates ischaemia/reperfusion injury of rat lung. 2008 , 39, 1062-70	12
259	Pathophysiology of ARDS. 2008 , 101-117	1
258	Controlled Mechanical Ventilation in ARDS. 2008 , 139-152	
257	Respiratory System and Artificial Ventilation. 2008,	2
256	La rparation alvblaire est-elle responsable des modifications de mbanique respiratoire observes au cours du SDRA?. 2008 , 17, 36-41	
255	KL-6 in acute lung injury: will it leave its mark?. 2008 , 12, 121	
254	Prostaglandin E2 mediates IL-1beta-related fibroblast mitogenic effects in acute lung injury through differential utilization of prostanoid receptors. 2008 , 180, 637-46	49
253	Animal models of acute lung injury. 2008, 295, L379-99	1075
252	Plasma receptor for advanced glycation end products and clinical outcomes in acute lung injury. 2008 , 63, 1083-9	208
251	Intra-alveolar tissue factor pathway inhibitor is not sufficient to block tissue factor procoagulant activity. 2008 , 294, L874-81	37
250	The regulation of selective and nonselective Na+ conductances in H441 human airway epithelial cells. 2008 , 294, L942-54	16
249	Intercellular adhesion molecule-1-dependent neutrophil adhesion to endothelial cells induces caveolae-mediated pulmonary vascular hyperpermeability. 2008 , 102, e120-31	105
248	Pharmacotherapy of acute lung injury and acute respiratory distress syndrome. 2008 , 15, 1911-24	94
247	Chapter 3 Modulation of Lung Epithelial Sodium Channel Function by Nitric Oxide. 2008 , 61, 43-69	
246	Propagation prevention: a complementary mechanism for "lung protective" ventilation in acute respiratory distress syndrome. 2008 , 36, 3252-8	45
245	The epithelium in acute lung injury/acute respiratory distress syndrome. 2008, 14, 11-5	49
244	Novel molecular strategy to prevent pulmonary edema. 2008 , 36, 1671-3	1

243	Epithelial cell apoptosis and neutrophil recruitment in acute lung injury-a unifying hypothesis? What we have learned from small interfering RNAs. 2008 , 14, 465-75	80
242	Influenza virus M2 protein inhibits epithelial sodium channels by increasing reactive oxygen species. 2009 , 23, 3829-42	75
241	Neutrophil-derived IL-6 limits alveolar barrier disruption in experimental ventilator-induced lung injury. 2009 , 182, 8056-62	46
240	Sex-specific association of epidermal growth factor gene polymorphisms with acute respiratory distress syndrome. 2009 , 33, 543-50	19
239	Clara cell protein (CC16), a marker of lung epithelial injury, is decreased in plasma and pulmonary edema fluid from patients with acute lung injury. 2009 , 135, 1440-1447	94
238	The effect of endothelin-1 on alveolar fluid clearance and pulmonary edema formation in the rat. 2009 , 108, 225-31	31
237	Reactive species and pulmonary edema. 2009 , 3, 487-496	9
236	Type I epithelial cells are the main target of whole-body hypoxic preconditioning in the lung. 2009 , 40, 332-9	13
235	Interactive effects of mechanical ventilation and kidney health on lung function in an in vivo mouse model. 2009 , 296, L3-L11	22
234	Procoagulant alveolar microparticles in the lungs of patients with acute respiratory distress syndrome. 2009 , 297, L1035-41	107
234		107
	syndrome. 2009 , 297, L1035-41 Terbutaline improves ischemia-reperfusion injury after left-sided orthotopic rat lung	
233	syndrome. 2009, 297, L1035-41 Terbutaline improves ischemia-reperfusion injury after left-sided orthotopic rat lung transplantation. 2009, 35, 175-85 The regulation of amiloride-sensitive epithelial sodium channels by tumor necrosis factor-alpha in	1
233	syndrome. 2009, 297, L1035-41 Terbutaline improves ischemia-reperfusion injury after left-sided orthotopic rat lung transplantation. 2009, 35, 175-85 The regulation of amiloride-sensitive epithelial sodium channels by tumor necrosis factor-alpha in injured lungs and alveolar type II cells. 2009, 166, 16-23 Sensing, physiological effects and molecular response to elevated CO2 levels in eukaryotes. 2009,	30
233 232 231	Terbutaline improves ischemia-reperfusion injury after left-sided orthotopic rat lung transplantation. 2009, 35, 175-85 The regulation of amiloride-sensitive epithelial sodium channels by tumor necrosis factor-alpha in injured lungs and alveolar type II cells. 2009, 166, 16-23 Sensing, physiological effects and molecular response to elevated CO2 levels in eukaryotes. 2009, 13, 4304-18	1 30 35
233232231230	Terbutaline improves ischemia-reperfusion injury after left-sided orthotopic rat lung transplantation. 2009, 35, 175-85 The regulation of amiloride-sensitive epithelial sodium channels by tumor necrosis factor-alpha in injured lungs and alveolar type II cells. 2009, 166, 16-23 Sensing, physiological effects and molecular response to elevated CO2 levels in eukaryotes. 2009, 13, 4304-18 Negative-pressure acute tracheobronchial hemorrhage and pulmonary edema. 2009, 23, 417-20	1 30 35 10
233232231230229	Terbutaline improves ischemia-reperfusion injury after left-sided orthotopic rat lung transplantation. 2009, 35, 175-85 The regulation of amiloride-sensitive epithelial sodium channels by tumor necrosis factor-alpha in injured lungs and alveolar type II cells. 2009, 166, 16-23 Sensing, physiological effects and molecular response to elevated CO2 levels in eukaryotes. 2009, 13, 4304-18 Negative-pressure acute tracheobronchial hemorrhage and pulmonary edema. 2009, 23, 417-20 Alterations in the human lung proteome with lipopolysaccharide. 2009, 9, 20 Comparison of two non-bronchoscopic methods for evaluating inflammation in patients with acute	1 30 35 10

225 Pulmonary Problems in Pregnancy. 2009,

224	Role of the pulmonary epithelium and inflammatory signals in acute lung injury. <i>Expert Review of Clinical Immunology</i> , 2009 , 5, 63-75	5.1	72
223	Claudin-4 augments alveolar epithelial barrier function and is induced in acute lung injury. 2009 , 297, L219-27		120
222	Allogeneic human mesenchymal stem cells for treatment of E. coli endotoxin-induced acute lung injury in the ex vivo perfused human lung. 2009 , 106, 16357-62		562
221	Use of beta-agonists in inhalation injury. 2009 , 30, 156-9		21
220	Use of nebulized heparin in the treatment of smoke inhalation injury. 2009 , 30, 159-62		14
219	Steroids in the treatment of smoke inhalation injury. 2009 , 30, 165-9		12
218	Inhaled nitric oxide in inhalation injury. 2009 , 30, 162-4		9
217	Tocopherol as treatment for lung injury associated with burn and smoke inhalation. 2009 , 30, 164-5		11
216	Studies of inhaled agents in inhalation injury. 2009 , 30, 169-71		7
215	Acute lung injury in patients with traumatic injuries: utility of a panel of biomarkers for diagnosis and pathogenesis. 2010 , 68, 1121-7		107
214	Can we prevent the spread of focal lung inflammation?. 2010 , 38, S574-81		3
213	Laminin gamma2 fragments are increased in the circulation of patients with early phase acute lung injury. 2010 , 36, 479-86		21
212	Inhibition of epithelial sodium channels by respiratory syncytial virus in vitro and in vivo. 2010 , 1203, 79-84		13
211	Alveolar but not intravenous S-ketamine inhibits alveolar sodium transport and lung fluid clearance in rats. 2010 , 111, 164-70		5
210	Determining the aetiology of pulmonary oedema by the oedema fluid-to-plasma protein ratio. 2010 , 35, 331-7		50
209	What Are the Pathologic and Pathophysiologic Changes That Accompany Acute Lung Injury and ARDS?. 2010 , 82-87		
208	Mechanisms and modification of chlorine-induced lung injury in animals. 2010 , 7, 278-83		68

207	Keratinocyte growth factor enhances barrier function without altering claudin expression in primary alveolar epithelial cells. 2010 , 299, L724-34	54
206	Stem Cells in the Respiratory System. 2010 ,	
205	Mesenchymal stem cells and acute lung injury. 2011 , 27, 719-33	68
204	The acute respiratory distress syndrome: pathogenesis and treatment. 2011 , 6, 147-63	620
203	Claudin-4 levels are associated with intact alveolar fluid clearance in human lungs. <i>American Journal of Pathology</i> , 2011 , 179, 1081-7	68
202	Single-nucleotide polymorphisms in the Endrenergic receptor genes are associated with lung allograft utilization. 2011 , 30, 211-7	1
201	The lung permeability index: a feasible measurement of pulmonary capillary permeability. 2011 , 105, 230-5	5
200	Soluble form of the receptor for advanced glycation end products is a marker of acute lung injury but not of severe sepsis in critically ill patients. 2011 , 39, 480-8	86
199	Battling Inflammation in Acute Lung Injury and Acute Respiratory Distress Syndrome: Stem Cell-Based Therapy Targeting the Root Cause of Acute Lung Injury. 2011 , 01,	
198	Alveolar fluid clearance is faster in women with acute lung injury compared to men. 2011 , 26, 249-56	17
197	Ghrelin ameliorates bleomycin-induced acute lung injury by protecting alveolar epithelial cells and suppressing lung inflammation. 2011 , 672, 153-8	47
196	Randomized, placebo-controlled clinical trial of an aerosolized Egonist for treatment of acute lung injury. 2011 , 184, 561-8	331
195	Advancing donor management research: design and implementation of a large, randomized, placebo-controlled trial. 2011 , 1, 20	12
194	KL-6 concentration in pulmonary epithelial lining fluid is a useful prognostic indicator in patients with acute respiratory distress syndrome. 2011 , 12, 32	27
193	Concise review: Mesenchymal stem cells for acute lung injury: role of paracrine soluble factors. 2011 , 29, 913-9	298
192	Human models of acute lung injury. 2011 , 4, 145-53	76
191	Viral replication and innate host responses in primary human alveolar epithelial cells and alveolar macrophages infected with influenza H5N1 and H1N1 viruses. 2011 , 85, 6844-55	110
190	Novel therapeutic strategies for acute lung injury induced by lung damaging agents: the potential role of growth factors as treatment options. 2011 , 30, 701-24	28

189	Pathogenesis of indirect (secondary) acute lung injury. 2011 , 5, 115-26	114
188	Nasal potential difference to detect Na+ channel dysfunction in acute lung injury. 2011 , 300, L305-18	9
187	Sepsis impairs alveolar epithelial function by downregulating Na-K-ATPase pump. 2011 , 301, L23-30	27
186	Enhancement of alveolar epithelial sodium channel activity with decreased cystic fibrosis transmembrane conductance regulator expression in mouse lung. 2011 , 301, L557-67	41
185	Oleic acid induces lung injury in mice through activation of the ERK pathway. 2012 , 2012, 956509	33
184	Resolution of acute lung injury and inflammation: a translational mouse model. 2012, 39, 1162-70	70
183	The severity of shock is associated with impaired rates of net alveolar fluid clearance in clinical acute lung injury. 2012 , 303, L550-5	19
182	The pathophysiology of perioperative lung injury. 2012 , 30, 573-90	8
181	Progress in modelling acute lung injury in a pre-clinical mouse model. 2012 , 39, 1062-3	16
180	Pharmacotherapy for acute respiratory distress syndrome. <i>Pharmacotherapy</i> , 2012 , 32, 943-57 5.8	27
179	Lung injury prediction score for the emergency department: first step towards prevention in patients at risk. 2012 , 5, 33	12
178	Role of chemokines in the pathogenesis of acute lung injury. 2012 , 46, 566-72	151
177	Pulmonary Edema. 2012 , 570-585	
176	Update in acute lung injury and mechanical ventilation 2011. 2012 , 186, 17-23	9
175	Sevoflurane reduces severity of acute lung injury possibly by impairing formation of alveolar oedema. 2012 , 168, 125-34	24
174	Insulin up-regulates epithelial sodium channel in LPS-induced acute lung injury model in rats by SGK1 activation. 2012 , 43, 1277-83	31
173	Functions of aquaporin 1 and Eepithelial Na+ channel in rat acute lung injury induced by acute ischemic kidney injury. 2013 , 45, 1187-96	21
172	Chloride secretion across adult alveolar epithelial cells contributes to cardiogenic edema. 2013 , 110, 10055-6	8

171	Role of circulating soluble chemokines in septic shock. 2013 , 37, 510-8	6
170	Role of circulating soluble chemokines in septic shock. 2013 , 37, 510-518	
169	The Fas/FasL pathway impairs the alveolar fluid clearance in mouse lungs. 2013, 305, L377-88	24
168	Mechanisms of acute respiratory distress syndrome in children and adults: a review and suggestions for future research. 2013 , 14, 631-43	52
167	Mesenchymal stem cells: a promising therapy for the acute respiratory distress syndrome. 2013 , 85, 267-78	33
166	Acute Respiratory Distress Syndrome. 2013 , 5, 1-99	
165	Treatment of pulmonary edema by ENaC activators/stimulators. 2013 , 6, 13-27	25
164	Acute lung injury. 342-365	2
163	Vagus nerve through \blacksquare nAChR modulates lung infection and inflammation: models, cells, and signals. 2014 , 2014, 283525	32
162	Lung ventilation injures areas with discrete alveolar flooding, in a surface tension-dependent fashion. 2014 , 117, 788-96	22
161	N-Acetylcysteine counteracts oxidative stress and protects alveolar epithelial cells from lung contusion-induced apoptosis in rats with blunt chest trauma. 2014 , 45, 463-71	5
160	Alcohol Use Disorders and the Lung. Respiratory Medicine, 2014 , 0.2	
159	Human mesenchymal stem cell microvesicles for treatment of Escherichia coli endotoxin-induced acute lung injury in mice. 2014 , 32, 116-25	438
158	Translational studies in the ex vivo human lung. 2014 , 52, 219-20	
157	Administration of intrapulmonary sodium polyacrylate to induce lung injury for the development of a porcine model of early acute respiratory distress syndrome. 2014 , 2, 5	3
156	Human adult bone marrow-derived stem cells decrease severity of lipopolysaccharide-induced acute respiratory distress syndrome in sheep. 2014 , 5, 42	34
155	Combinatorial therapy with acetylation and methylation modifiers attenuates lung vascular hyperpermeability in endotoxemia-induced mouse inflammatory lung injury. <i>American Journal of Pathology</i> , 2014 , 184, 2237-49	40
154	The effects of salbutamol on epithelial ion channels depend on the etiology of acute respiratory distress syndrome but not the route of administration. 2014 , 15, 56	24

153	TIP peptide inhalation in experimental acute lung injury: effect of repetitive dosage and different synthetic variants. 2014 , 14, 42	7
152	Resolution of pulmonary edema. Thirty years of progress. 2014 , 189, 1301-8	100
151	Role of epithelial sodium channels in the regulation of lung fluid homeostasis. 2015 , 309, L1229-38	86
150	Soluble Forms and Ligands of the Receptor for Advanced Glycation End-Products in Patients with Acute Respiratory Distress Syndrome: An Observational Prospective Study. <i>PLoS ONE</i> , 2015 , 10, e01358 $\frac{2}{37}$	34
149	The Role of ExoS in Dissemination of Pseudomonas aeruginosa during Pneumonia. 2015, 11, e1004945	38
148	Sulforhodamine B interacts with albumin to lower surface tension and protect against ventilation injury of flooded alveoli. 2015 , 118, 355-64	6
147	Orthotopic Experimental Lung Transplantation. 2015 , 111-144	
146	Emerging drugs for acute lung injury. 2015 , 20, 75-89	20
145	Exacerbation of bleomycin-induced injury by lipopolysaccharide in mice: establishment of a mouse model for acute exacerbation of interstitial lung diseases. 2015 , 48, e85-91	13
144	Endogenous acetylcholine increases alveolar epithelial fluid transport via activation of alveolar epithelial Na,K-ATPase in mice. 2015 , 217, 25-31	3
143	Effects of a recruitment maneuver on plasma levels of soluble RAGE in patients with diffuse acute respiratory distress syndrome: a prospective randomized crossover study. 2015 , 41, 846-55	26
142	Soluble Receptor for Advanced Glycation End-Products Predicts Impaired Alveolar Fluid Clearance in Acute Respiratory Distress Syndrome. 2015 , 192, 191-9	90
141	Oxidized glutathione (GSSG) inhibits epithelial sodium channel activity in primary alveolar epithelial cells. 2015 , 308, L943-52	16
140	The Vertebrate Blood-Gas Barrier in Health and Disease. 2015 ,	
139	Riboflavin attenuates lipopolysaccharide-induced lung injury in rats. 2015 , 25, 417-23	14
138	Rat Experimental Transplantation Surgery. 2015,	3
137	Neutrophils promote alveolar epithelial regeneration by enhancing type II pneumocyte proliferation in a model of acid-induced acute lung injury. 2016 , 311, L1062-L1075	35
136	Body volumes and fluid kinetics. 41-51	

135	Ghrelin ameliorates the human alveolar epithelial A549´cell apoptosis induced by lipopolysaccharide. 2016 , 474, 83-90		10
134	Pulmonary Pathology of ARDS: Diffuse Alveolar Damage. 2016 , 64-76		
133	A new experimental model of acid- and endotoxin-induced acute lung injury in rats. 2016 , 311, L229-37		17
132	Pulmonary edema. 92-99		
131	Alveolar Epithelium and Fluid Transport. 2016 , 150-156.e2		1
130	p52 Overexpression Increases Epithelial Apoptosis, Enhances Lung Injury, and Reduces Survival after Lipopolysaccharide Treatment. 2016 , 196, 1891-9		15
129	Focusing on the alveolar epithelium: Alveolar fluid clearance in diffuse versus focal acute respiratory distress syndrome. 2016 , 35, 75-7		2
128	Acute Hypoxemic Respiratory Failure and ARDS. 2016 , 1740-1760.e7		3
127	Pulmonary Edema. 2016 , 1096-1117.e5		
126	Injury and Repair. 2016 , 251-260.e9		O
125	Hypoxia-Inducible Factor 1 ignaling Promotes Repair of the Alveolar Epithelium after Acute Lung Injury. <i>American Journal of Pathology</i> , 2017 , 187, 1772-1786	5.8	42
124	Unbiased Quantitation of Alveolar Type II to Alveolar Type I Cell Transdifferentiation during Repair after Lung Injury in Mice. 2017 , 57, 519-526		41
123	Integrated Stress Response Mediates Epithelial Injury in Mechanical Ventilation. 2017, 57, 193-203		23
122	Beneficial effect of low-level laser therapy in acute lung injury after i-I/R is dependent on the secretion of IL-10 and independent of the TLR/MyD88 signaling. 2017 , 32, 305-315		16
121	ROS Signaling in the Pathogenesis of Acute Lung Injury (ALI) and Acute Respiratory Distress Syndrome (ARDS). 2017 , 967, 105-137		137
120	Acute Respiratory Distress Syndrome. 2017 , 185-209		2
120 119	Alveolar Fluid Clearance in Pathologically Relevant Conditions: and Models of Acute Respiratory	3.4	33

(2020-2018)

117	Novel Method for Noninvasive Sampling of the Distal Airspace in Acute Respiratory Distress Syndrome. 2018 , 197, 1027-1035	20
116	Ventilator Circuit Trash May Be a Research Treasure. 2018 , 197, 979-980	1
115	Specialized Pro-resolving Mediators Regulate Alveolar Fluid Clearance during Acute Respiratory Distress Syndrome. 2018 , 131, 982-989	21
114	Inhibition of NKCC1 Modulates Alveolar Fluid Clearance and Inflammation in Ischemia-Reperfusion Lung Injury via TRAF6-Mediated Pathways. <i>Frontiers in Immunology</i> , 2018 , 9, 2049	13
113	Plasma sRAGE is independently associated with increased mortality in ARDS: a meta-analysis of individual patient data. 2018 , 44, 1388-1399	49
112	Inflammatory and Fibrinolytic System in Acute Respiratory Distress Syndrome. 2018 , 196, 609-616	37
111	Pulmonary Edema. 2019 , 580-595.e3	
110	Influenza A Virus Infection Induces Apical Redistribution of Na, K-ATPase in Lung Epithelial Cells and. 2019 , 61, 395-398	2
109	Inhibition of the Receptor for Advanced Glycation End-Products in Acute Respiratory Distress Syndrome: A Randomised Laboratory Trial in Piglets. 2019 , 9, 9227	16
108	Pathogenesis of Acute Respiratory Distress Syndrome. 2019 , 40, 31-39	123
108	Pathogenesis of Acute Respiratory Distress Syndrome. 2019 , 40, 31-39 Using selective lung injury to improve murine models of spatially heterogeneous lung diseases. <i>PLoS ONE</i> , 2019 , 14, e0202456 3.7	123
	Using selective lung injury to improve murine models of spatially heterogeneous lung diseases.	
107	Using selective lung injury to improve murine models of spatially heterogeneous lung diseases. PLoS ONE, 2019, 14, e0202456 Alveolar liquid clearance in lung injury: Evaluation of the impairment of the Endrenergic agonist	2
107	Using selective lung injury to improve murine models of spatially heterogeneous lung diseases. <i>PLoS ONE</i> , 2019 , 14, e0202456 Alveolar liquid clearance in lung injury: Evaluation of the impairment of the Ebdrenergic agonist response in an ischemia-reperfusion lung injury model. 2019 , 259, 104-110	2 2 15
107 106 105	Using selective lung injury to improve murine models of spatially heterogeneous lung diseases. PLoS ONE, 2019, 14, e0202456 Alveolar liquid clearance in lung injury: Evaluation of the impairment of the Ebdrenergic agonist response in an ischemia-reperfusion lung injury model. 2019, 259, 104-110 Fas activation alters tight junction proteins in acute lung injury. 2019, 74, 69-82	2 2 15
107 106 105	Using selective lung injury to improve murine models of spatially heterogeneous lung diseases. PLoS ONE, 2019, 14, e0202456 Alveolar liquid clearance in lung injury: Evaluation of the impairment of the Eadrenergic agonist response in an ischemia-reperfusion lung injury model. 2019, 259, 104-110 Fas activation alters tight junction proteins in acute lung injury. 2019, 74, 69-82 STAT3-BDNF-TrkB signalling promotes alveolar epithelial regeneration after lung injury. 2020, 22, 1197-1210	2 2 15 22
107 106 105 104	Using selective lung injury to improve murine models of spatially heterogeneous lung diseases. PLoS ONE, 2019, 14, e0202456 Alveolar liquid clearance in lung injury: Evaluation of the impairment of the Ebdrenergic agonist response in an ischemia-reperfusion lung injury model. 2019, 259, 104-110 Fas activation alters tight junction proteins in acute lung injury. 2019, 74, 69-82 STAT3-BDNF-TrkB signalling promotes alveolar epithelial regeneration after lung injury. 2020, 22, 1197-1210 Antiplatelet Therapy for Acute Respiratory Distress Syndrome. 2020, 8,	2 2 15 22

99	The receptor for advanced glycation end-products enhances lung epithelial wound repair: An in vitro study. 2020 , 391, 112030		6
98	Genetic determinants of ammonia-induced acute lung injury in mice. 2021 , 320, L41-L62		2
97	A Preclinical Safety Study of Thyroid Hormone Instilled into the Lungs of Healthy Rats-an Investigational Therapy for ARDS. 2021 , 376, 74-83		6
96	Fatal COVID-19 ARDS associated with incomplete AEC1 differentiation from the transitional state without senescence or fibrosis. 2021 ,		O
95	Enhancing Extracellular Adenosine Levels Restores Barrier Function in Acute Lung Injury Through Expression of Focal Adhesion Proteins. 2021 , 8, 636678		3
94	Standardization of methods for sampling the distal airspace in mechanically ventilated patients using heat moisture exchange filter fluid. 2021 , 320, L785-L790		2
93	Acute respiratory distress syndrome. 2021 , 398, 622-637		53
92	Targeted-lung delivery of dexamethasone using gated mesoporous silica nanoparticles. A new therapeutic approach for acute lung injury treatment. 2021 , 337, 14-26		5
91	Halogen-Induced Chemical Injury to the Mammalian Cardiopulmonary Systems. 2021 , 36, 272-291		4
90	Acute Lung Injury. 2008 , 64-83		1
89	Epithelial sodium channels in the adult lungimportant modulators of pulmonary health and disease. 2007 , 618, 127-40		26
88	Turning up the Heat in the Lungs. 2003 , 263-275		1
87	Transepithelial sodium and water transport in the lung. Major player and novel therapeutic target in pulmonary edema. 2001 , 502, 315-38		24
86	The Role of Chemokines in the Pathophysiology of the Acute Respiratory Distress Syndrome (ARDS). 1999 , 81-110		6
85	Acute Lung Injury in Pregnancy. 2009 , 355-383		2
84	Quantifying Lung Injury in ARDS. <i>Update in Intensive Care and Emergency Medicine</i> , 1998 , 181-196		1
83	Alveolar Epithelial Barrier: Acute Lung Injury. <i>Yearbook of Intensive Care and Emergency Medicine</i> , 2000 , 189-205		1
82	ACUTE CARDIOGENIC PULMONARY EDEMA. Clinics in Chest Medicine, 1994 , 15, 501-515	5.3	43

81	Frequency and importance of barotrauma in 100 patients with acute lung injury. 1995, 23, 272-8	70
80	Targeting the alveolar epithelium in acute lung injury: keratinocyte growth factor and regulation of the alveolar epithelial barrier. 1996 , 24, 905-7	7
79	Increased interleukin-8 concentrations in the pulmonary edema fluid of patients with acute respiratory distress syndrome from sepsis. 1996 , 24, 1448-54	130
78	The 67gallium pulmonary leak index in assessing the severity and course of the adult respiratory distress syndrome. 1996 , 24, 1467-72	21
77	The alveolar space is the site of intense inflammatory and profibrotic reactions in the early phase of acute respiratory distress syndrome. 1999 , 27, 304-12	363
76	The pulmonary epithelium is an important mediator of ventilator-induced lung injury. 2002, 30, 1910-1	2
75	Distribution of alveolar edema in ventilated and unventilated canine lung lobes. 1996 , 31, 423-32	1
74	Lung deflation impairs alveolar epithelial fluid transport in ischemic rabbit and rat lungs. 2000 , 69, 1785-93	22
73	Effects of Mycobacterium tuberculosis on the bioelectric properties of the alveolar epithelium. 1997 , 65, 692-8	28
72	Pseudomonas aeruginosa-induced lung and pleural injury in sheep. Differential protective effect of circulating versus alveolar immunoglobulin G antibody. <i>Journal of Clinical Investigation</i> , 1993 , 92, 1221-8 ^{15.9}) 21
71	Stimulation of lung epithelial liquid clearance by endogenous release of catecholamines in septic shock in anesthetized rats. <i>Journal of Clinical Investigation</i> , 1994 , 94, 663-71	175
70	Transepithelial water permeability in microperfused distal airways. Evidence for channel-mediated water transport. <i>Journal of Clinical Investigation</i> , 1996 , 97, 664-71) 81
69	Acute bacterial pneumonia in rats increases alveolar epithelial fluid clearance by a tumor necrosis factor-alpha-dependent mechanism. <i>Journal of Clinical Investigation</i> , 1997 , 99, 325-35	133
68	TGF-beta is a critical mediator of acute lung injury. <i>Journal of Clinical Investigation</i> , 2001 , 107, 1537-44 15.9	374
67	Neutrophils and their Fc gamma receptors are essential in a mouse model of transfusion-related acute lung injury. <i>Journal of Clinical Investigation</i> , 2006 , 116, 1615-23	236
66	Resolving lung injury: a new role for Tregs in controlling the innate immune response. <i>Journal of Clinical Investigation</i> , 2009 , 119, 2891-4) 11
65	The effect of TIP on pneumovirus-induced pulmonary edema in mice. <i>PLoS ONE</i> , 2014 , 9, e102749 3.7	3
64	Role of the pulmonary epithelium and inflammatory signals in acute lung injury. <i>Expert Review of Clinical Immunology</i> , 2009 , 5, 63-75	47

63	Disturbances of Alveolar Capillary Permeability Pathomechanisms and Pharmaceutical Interactions. 2001 , 169-187
62	Non-Viral Gene Therapy for Pulmonary Disease. 2001 , 35-52
61	Apoptosis in Acute Lung Injury. 2001 , 229-244
60	Adult respiratory distress syndrome in a child with nephrotic syndrome. <i>Annals of Saudi Medicine</i> , 2002 , 22, 80-3
59	Apoptosis in Pneumonia. 2002 , 77-92
58	Pulmonary Epithelial Injury: Clinical and Experimental Evidence for a Major Role in Acute Lung Injury and Multiple Organ Dysfunction. <i>Update in Intensive Care and Emergency Medicine</i> , 2002 , 222-226
57	Apoptosis in Pneumonia. 2002 , 77-92
56	Animal Models for the Study of Pulmonary Edema. 2004 , 289-300
55	Pulmonary Edema. 2006 , 622-638
54	Pulmonary Edema in Organ Donors and Lung Transplant Recipients: Is there a Role for Beta-adrenergic Agonists?. <i>Yearbook of Intensive Care and Emergency Medicine</i> , 2006 , 366-373
53	Alveolar Epithelial Function in Ventilator-Injured Lungs. 2006 , 411-436
52	Pulmonary Proteomics. 323-347
51	Mesenchymal Stem Cells for Acute Lung Injury. 2010 , 121-140
50	Pulmonary Edema and Acute Lung Injury. 2010 , 1283-1325
49	Alveolar and Distal Airway Epithelial Fluid Transport. 2010 , 217-225
48	Acute Respiratory Distress Syndrome. 2010 , 2104-2129
47	Alveolar Epithelial Fluid Transport in Lung Injury. 2011 , 861-870
46	Acute Lung Injury and Acute Respiratory Distress Syndrome. 2011 , 388-397

45	Pharmacotherapy for Acute Respiratory Distress Syndrome. <i>Pharmacotherapy</i> , 2012 , n/a-n/a	5.8	
44	Disruption in the Dynamic Balance Between Transforming Growth Factor-land Granulocyte/Macrophage Colony-Stimulating Factor Signaling Within the Alveolar Space of the Alcoholic Lung: Impact on Epithelial and Macrophage Function. <i>Respiratory Medicine</i> , 2014 , 155-171	0.2	
43	The Adult Respiratory Distress Syndrome. Clinics in Chest Medicine, 1990, 11, 575-580	5.3	26
42	The Alveolar Epithelial Barrier. <i>Yearbook of Intensive Care and Emergency Medicine</i> , 1992 , 194-203		
41	The Critical Role of the Alveolar Epithelial Barrier in Acute Lung Injury. <i>Yearbook of Intensive Care and Emergency Medicine</i> , 1995 , 28-43		
40	Fluid Balance and Renal Function. 1996 , 481-493		
39	Epidemiology. 1996 , 13-23		
38	Critical Role of the Alveolar Epithelial Barrier. 1996 , 345-357		
37	Pulmonary Physiology of Acute Lung Injury. 1996 , 251-262		
36	Epithelial Injury and Repair. 1996 , 197-213		
35	Role of the Na,K-ATPase 2 subunit in lung liquid clearance. 1998 , 69-70		
34	Experimental and clinical measurement of pulmonary edema. 1998 , 161-229		
33	Alveolar Epithelial Fluid Transport Under Normal and Pathological Conditions. 1998, 71-85		
32	Vectorial Movement of Sodium in Lung Alveolar Epithelium: Role and Regulation of Na+,K+-ATPase. 1998 , 45-52		
31	Lung Edema Clearance During Hyperoxic Lung Injury. 1998 , 13-18		
30	Strategies to Speed Lung Healing in ARDS. 1998 , 245-253		
29	Biologic Markers of Acute Lung Injury. 1998 , 207-214		
28	Regulation of Alveolar Sodium Transport by Hypoxia. 1998 , 35-44		

27	Regulation of the Sodium Pump in Hyperoxic Lung Injury. 1998 , 1-12		
26	ALI and the Alveolar Epithelial Barrier. <i>Update in Intensive Care and Emergency Medicine</i> , 1998 , 197-209	9	
25	Development of Lung Epithelial Ion Transport: Implications for Neonatal Lung Disease. 1999 , 255-281		
24	Intravenous S-ketamine does not inhibit alveolar fluid clearance in a septic rat model. <i>PLoS ONE</i> , 2014 , 9, e112622	3.7	1
23	Transbarrier Ion and Fluid Transport. 2015 , 115-133		
22	Using selective lung injury to improve murine models of spatially heterogeneous lung diseases.		
21	Inhibition of the Receptor for Advanced Glycation End-Products in Acute Respiratory Distress Syndrome: A Randomised Laboratory Trial in Piglets.		
20	Sfidrome de dificultad respiratoria aguda en el contexto de la pandemia por COVID-19. 34, 69-77		
19	Pathophysiology of Perioperative Lung Injury. 2022 , 249-259		
18	AND THE RESERVE OF THE PROPERTY OF THE PROPERT		
10	Modes and Strategies of Mechanical Ventilation in ARDS. 2020 , 139-159		
17	Pulmonary Edema in Organ Donors and Lung Transplant Recipients: Is there a Role for Beta-adrenergic Agonists?. 2006 , 366-373		
	Pulmonary Edema in Organ Donors and Lung Transplant Recipients: Is there a Role for		
17	Pulmonary Edema in Organ Donors and Lung Transplant Recipients: Is there a Role for Beta-adrenergic Agonists?. 2006 , 366-373		1
17 16	Pulmonary Edema in Organ Donors and Lung Transplant Recipients: Is there a Role for Beta-adrenergic Agonists?. 2006, 366-373 Cell Death and Acute Lung Injury. 2007, 321-334 Assessment of a Novel Method for Non-invasive Sampling of the Distal Airspace in Acute Respiratory Distress Syndrome Patients Receiving Inhaled Sedation with Sevoflurane: the ANAISS		1
17 16	Pulmonary Edema in Organ Donors and Lung Transplant Recipients: Is there a Role for Beta-adrenergic Agonists?. 2006, 366-373 Cell Death and Acute Lung Injury. 2007, 321-334 Assessment of a Novel Method for Non-invasive Sampling of the Distal Airspace in Acute Respiratory Distress Syndrome Patients Receiving Inhaled Sedation with Sevoflurane: the ANAISS Study Protocol.	5.8	
17 16 15	Pulmonary Edema in Organ Donors and Lung Transplant Recipients: Is there a Role for Beta-adrenergic Agonists?. 2006, 366-373 Cell Death and Acute Lung Injury. 2007, 321-334 Assessment of a Novel Method for Non-invasive Sampling of the Distal Airspace in Acute Respiratory Distress Syndrome Patients Receiving Inhaled Sedation with Sevoflurane: the ANAISS Study Protocol. Resolution of pulmonary edema. New insights. Western Journal of Medicine, 1991, 154, 315-21 Lung lymphatics increase after hyperoxic injury. An ultrastructural study of casts. American Journal	5.8 5.8	4
17 16 15 14	Pulmonary Edema in Organ Donors and Lung Transplant Recipients: Is there a Role for Beta-adrenergic Agonists?. 2006, 366-373 Cell Death and Acute Lung Injury. 2007, 321-334 Assessment of a Novel Method for Non-invasive Sampling of the Distal Airspace in Acute Respiratory Distress Syndrome Patients Receiving Inhaled Sedation with Sevoflurane: the ANAISS Study Protocol. Resolution of pulmonary edema. New insights. Western Journal of Medicine, 1991, 154, 315-21 Lung lymphatics increase after hyperoxic injury. An ultrastructural study of casts. American Journal of Pathology, 1994, 144, 1393-402 Fatal COVID-19 and Non-COVID-19 Acute Respiratory Distress Syndrome is associated with Incomplete Alveolar Type 1 Epithelial Cell Differentiation from the Transitional State Without		14

CITATION REPORT

9 Image_2.JPEG. **2018**,

8	Image_3.JPEG. 2018 ,		
7	Image_4.JPEG. 2018 ,		
6	Pathogenesis of pneumonia and acute lung injury. Clinical Science, 2022, 136, 747-769	6.5	O
5	The Potential of Purinergic Signaling to Thwart Viruses Including SARS-CoV-2. <i>Frontiers in Immunology</i> , 13,	8.4	
4	Responses to AngII (Angiotensin II), Salt Intake, and Lipopolysaccharide Reveal the Diverse Actions of TNF-[[Tumor Necrosis Factor-[]]on Blood Pressure and Renal Function.		О
3	Pharmacologic therapies of ARDS: From natural herb to nanomedicine. 13,		O
2	Soluble Fas Ligand Induces Epithelial Cell Apoptosis in Humans with Acute Lung Injury (ARDS). 1999 , 163, 2217-2225		33
1	Mesoporous Silica-Based Nanoplatforms Are Theranostic Agents for the Treatment of Inflammatory Disorders. 2023 , 15, 439		О