

# Heat Shock Protein A12B Protects Vascular Endothelial Lung Injury in Mice

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Apoptosis Has a Prolonged Role in the Neurodegeneration after Hypoxic Ischemia in the Newborn Rat. <i>Journal of Neuroscience</i> , 2000, 20, 7994-8004.	1.7	388
2	Downregulation of urokinase-type plasminogen activator receptor (uPAR) induces caspase-mediated cell death in human glioblastoma cells. <i>Clinical and Experimental Metastasis</i> , 2000, 18, 611-615.	1.7	27
3	Evidence That Wallerian Degeneration and Localized Axon Degeneration Induced by Local Neurotrophin Deprivation Do Not Involve Caspases. <i>Journal of Neuroscience</i> , 2000, 20, 1333-1341.	1.7	220
4	HIV-1 envelope induces activation of caspase-3 and cleavage of focal adhesion kinase in primary human CD4+ T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2000, 97, 1178-1183.	3.3	123
5	Granzyme B-Mediated Cytochrome C Release Is Regulated by the Bcl-2 Family Members Bid and Bax. <i>Journal of Experimental Medicine</i> , 2000, 192, 1391-1402.	4.2	276
6	Competing Death Programs in Poliovirus-Infected Cells: Commitment Switch in the Middle of the Infectious Cycle. <i>Journal of Virology</i> , 2000, 74, 5534-5541.	1.5	88
7	The death substrate Gas2 binds m-calpain and increases susceptibility to p53-dependent apoptosis. <i>EMBO Journal</i> , 2001, 20, 2702-2714.	3.5	100
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1097	Erastin Disrupts Mitochondrial Permeability Transition Pore (mPTP) and Induces Apoptotic Death of Colorectal Cancer Cells. <i>PLoS ONE</i> , 2016, 11, e0154605.	1.1	71
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1138	Admission plasma levels of the neuronal injury marker neuron-specific enolase are associated with mortality and delirium in sepsis. <i>Journal of Critical Care</i> , 2016, 36, 18-23.	1.0	53
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1142	Timing of Intubation and Clinical Outcomes in Adults With Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2016, 44, 120-129.	0.4	170
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1151	Acute respiratory distress syndrome following cardiovascular surgery. <i>Current Opinion in Anaesthesiology</i> , 2016, 29, 94-100.	0.9	10
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1153	Inhibition of Intestinal Thiamin Transport in Rat Model of Sepsis. <i>Critical Care Medicine</i> , 2016, 44, e875-e881.	0.4	8



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1155	Plasma cytokines IL-6, IL-8, and IL-10 are associated with the development of acute respiratory distress syndrome in patients with severe traumatic brain injury. <i>Critical Care</i> , 2016, 20, 288.	2.5	85
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1167	Variable ventilation improves pulmonary function and reduces lung damage without increasing bacterial translocation in a rat model of experimental pneumonia. <i>Respiratory Research</i> , 2016, 17, 158.	1.4	10
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1174	Neurally adjusted ventilatory assist in patients with acute respiratory failure: study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 500.	0.7	6
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1176	Imbalance of Th17/Tregs in rats with smoke inhalation-induced acute lung injury. <i>Scientific Reports</i> , 2016, 6, 21348.	1.6	40
1177	Hyperoxia-induced p47 <sup>phox</sup> activation and ROS generation is mediated through S1P transporter Spns2, and S1P/S1P <sub>1&amp;2</sub> signaling axis in lung endothelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L337-L351.	1.3	33
1178	Magnetic resonance imaging provides sensitive in vivo assessment of experimental ventilator-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L208-L218.	1.3	16
1179	Pulmonary endothelial activation caused by extracellular histones contributes to neutrophil activation in acute respiratory distress syndrome. <i>Respiratory Research</i> , 2016, 17, 155.	1.4	32
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1182	Nur77 attenuates endothelin-1 expression via downregulation of NF- $\kappa$ B and p38 MAPK in A549 cells and in an ARDS rat model. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L1023-L1035.	1.3	39
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1187	Outcomes and survival prediction models for severe adult acute respiratory distress syndrome treated with extracorporeal membrane oxygenation. <i>Critical Care</i> , 2016, 20, 392.	2.5	68
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1191	Emphysema induced by elastase enhances acute inflammatory pulmonary response to intraperitoneal <sc>LPS</sc> in rats. <i>International Journal of Experimental Pathology</i> , 2016, 97, 430-437.	0.6	8
1192	Prolonged exposure to volatile anesthetic isoflurane worsens the outcome of polymicrobial abdominal sepsis. <i>Toxicological Sciences</i> , 2017, 156, kfw261.	1.4	35
1193	Polystyrene-Divinylbenzene-Based Adsorbents Reduce Endothelial Activation and Monocyte Adhesion Under Septic Conditions in a Pore Size-Dependent Manner. <i>Inflammation</i> , 2016, 39, 1737-1746.	1.7	15
1194	The involvement of regulatory non-coding RNAs in sepsis: a systematic review. <i>Critical Care</i> , 2016, 20, 383.	2.5	79
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1196	Acute respiratory distress syndrome. <i>Clinical Medicine</i> , 2016, 16, s66-s70.	0.8	22
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1198	WISP1- $\beta$ 3 integrin signaling positively regulates TLR-triggered inflammation response in sepsis induced lung injury. <i>Scientific Reports</i> , 2016, 6, 28841.	1.6	37
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1203	Lung Injury Prediction Score in Hospitalized Patients at Risk of Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2016, 44, 2182-2191.	0.4	42
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1205	Histone deacetylase inhibitor screening identifies HC toxin as the most effective in intrahepatic cholangiocarcinoma cells. <i>Oncology Reports</i> , 2016, 35, 2535-2542.	1.2	15
1206	Sepsis-Associated Coagulopathy. <i>The Journal of Critical Care Medicine</i> , 2016, 2, 156-163.	0.3	10
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1209	Nutritional route in oesophageal resection trial II (NUTRIENT II): study protocol for a multicentre open-label randomised controlled trial. <i>BMJ Open</i> , 2016, 6, e011979.	0.8	25
1210	Keratin 8 limits TLR-triggered inflammatory responses through inhibiting TRAF6 polyubiquitination. <i>Scientific Reports</i> , 2016, 6, 32710.	1.6	14
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1378	Manipulating the air-filled zebrafish swim bladder as a neutrophilic inflammation model for acute lung injury. <i>Cell Death and Disease</i> , 2016, 7, e2470-e2470.	2.7	39
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1382	Activation of heat shock response augments fibroblast growth factor-1 expression in wounded lung epithelium. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L941-L955.	1.3	13
1383	Protective effect of suppressing STAT3 activity in LPS-induced acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2016, 311, L868-L880.	1.3	125
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1385	The Emulsified PFC Oxycyte <sup>®</sup> Improved Oxygen Content and Lung Injury Score in a Swine Model of Oleic Acid Lung Injury (OALI). <i>Lung</i> , 2016, 194, 945-957.	1.4	10
1386	Protective effects of fenofibrate against acute lung injury induced by intestinal ischemia/reperfusion in mice. <i>Scientific Reports</i> , 2016, 6, 22044.	1.6	23
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1402	Discovery of new MD2 inhibitor from chalcone derivatives with anti-inflammatory effects in LPS-induced acute lung injury. <i>Scientific Reports</i> , 2016, 6, 25130.	1.6	45
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1415	Macrophage-derived microvesicles™ pathogenic role in acute lung injury. <i>Thorax</i> , 2016, 71, 975-976.	2.7	3
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1426	Pulmonary artery perfusion versus no pulmonary perfusion during cardiopulmonary bypass in patients with COPD: a randomised clinical trial. <i>BMJ Open Respiratory Research</i> , 2016, 3, e000146.	1.2	8
1427	Blockade of Endothelial Growth Factor, Angiopoietin-2, Reduces Indices of Ards and Mortality in Mice Resulting from the Dual-Insults of Hemorrhagic Shock and Sepsis. <i>Shock</i> , 2016, 45, 157-165.	1.0	22
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1437	A novel mosquito ubiquitin targets viral envelope protein for degradation and reduces virion production during dengue virus infection. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1898-1909.	1.1	36
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1450	Heat-mediated reduction of apoptosis in UVB-damaged keratinocytes in vitro and in human skin ex vivo. <i>BMC Dermatology</i> , 2016, 16, 6.	2.1	23
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1457	Extra corporeal membrane oxygenation to facilitate lung protective ventilation and prevent ventilator-induced lung injury in severe <i>Pneumocystis pneumonia</i> with pneumomediastinum: a case report and short literature review. <i>BMC Pulmonary Medicine</i> , 2016, 16, 52.	0.8	28
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1467	Sphingosine kinase 1 inhibition improves lipopolysaccharide/D-α-galactosamine-induced acute liver failure by inhibiting mitogen-activated protein kinases pathway. <i>United European Gastroenterology Journal</i> , 2016, 4, 677-685.	1.6	19
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1470	Blood transfusions and pulmonary complications after hematopoietic cell transplantation. <i>Transfusion</i> , 2016, 56, 653-661.	0.8	8
1471	Quantifying unintended exposure to high tidal volumes from breath stacking dyssynchrony in ARDS: the BREATHE criteria. <i>Intensive Care Medicine</i> , 2016, 42, 1427-1436.	3.9	130
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1479	Protective Effects of Apigenin Against Paraquat-Induced Acute Lung Injury in Mice. <i>Inflammation</i> , 2016, 39, 752-758.	1.7	28
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1481	Glycyrrhizic Acid Prevents Sepsis-Induced Acute Lung Injury and Mortality in Rats. <i>Journal of Histochemistry and Cytochemistry</i> , 2016, 64, 125-137.	1.3	57
1482	Cold stress aggravates inflammatory responses in an LPS-induced mouse model of acute lung injury. <i>International Journal of Biometeorology</i> , 2016, 60, 1217-1225.	1.3	25

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1488	Broad spectrum immunomodulation using biomimetic blood cell margination for sepsis therapy. <i>Lab on A Chip</i> , 2016, 16, 688-699.	3.1	21
1489	End-Expiratory Volume and Oxygenation: Targeting PEEP in ARDS Patients. <i>Lung</i> , 2016, 194, 35-41.	1.4	4
1490	Protective effects of patchouli alcohol isolated from <i>Pogostemon cablin</i> on lipopolysaccharide-induced acute lung injury in mice. <i>Experimental and Therapeutic Medicine</i> , 2016, 11, 674-682.	0.8	21
1491	MicroRNA-25 Negatively Regulates Cerebral Ischemia/Reperfusion Injury-Induced Cell Apoptosis Through Fas/FasL Pathway. <i>Journal of Molecular Neuroscience</i> , 2016, 58, 507-516.	1.1	70
1492	Nonlinear Imputation of Pao <sub>2</sub> /Fio <sub>2</sub> From Spo <sub>2</sub> /Fio <sub>2</sub> Among Patients With Acute Respiratory Distress Syndrome. <i>Chest</i> , 2016, 150, 307-313.	0.4	127
1493	Capillary plexuses are vulnerable to neutrophil extracellular traps. <i>Integrative Biology (United Kingdom)</i> , 2016, 8, 115-125.	0.6	25
1494	Heme Attenuation Ameliorates Irritant Gas Inhalation-Induced Acute Lung Injury. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 99-112.	2.5	55
1495	The Effects of Quercetin on Acute Lung Injury and Biomarkers of Inflammation and Oxidative Stress in the Rat Model of Sepsis. <i>Inflammation</i> , 2016, 39, 700-705.	1.7	58
1496	Cold stress increases reactive oxygen species formation via TRPA1 activation in A549 cells. <i>Cell Stress and Chaperones</i> , 2016, 21, 367-372.	1.2	36
1497	Toll-like Receptor 4 Signaling on Dendritic Cells Suppresses Polymorphonuclear Leukocyte CXCR2 Expression and Trafficking via Interleukin 10 During Intra-abdominal Sepsis. <i>Journal of Infectious Diseases</i> , 2016, 213, 1280-1288.	1.9	24
1498	Innate-like function of memory Th17 cells for enhancing endotoxin-induced acute lung inflammation through IL-22. <i>International Immunology</i> , 2016, 28, 233-243.	1.8	28
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1500	A detailed evaluation of the new acute kidney injury criteria by KDIGO in critically ill patients. <i>Journal of Anesthesia</i> , 2016, 30, 215-222.	0.7	14

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1503	The potential role and limitations of echocardiography in acute respiratory distress syndrome. <i>Therapeutic Advances in Respiratory Disease</i> , 2016, 10, 136-148.	1.0	31
1504	Aspirin-triggered resolvin D1 is produced during self-resolving gram-negative bacterial pneumonia and regulates host immune responses for the resolution of lung inflammation. <i>Mucosal Immunology</i> , 2016, 9, 1278-1287.	2.7	81
1505	Airway CD8 <sup>+</sup> T Cells Are Associated with Lung Injury during Infant Viral Respiratory Tract Infection. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016, 54, 822-830.	1.4	49
1506	Happy 50th birthday ARDS!. <i>Intensive Care Medicine</i> , 2016, 42, 637-639.	3.9	25
1507	Should ARDS be renamed diffuse alveolar damage?. <i>Intensive Care Medicine</i> , 2016, 42, 653-655.	3.9	15
1508	Application of a Framework to Assess the Usefulness of Alternative Sepsis Criteria. <i>Critical Care Medicine</i> , 2016, 44, e122-e130.	0.4	59
1509	Inhibition of endotoxin-induced airway epithelial cell injury by a novel family of pyrrol derivatives. <i>Laboratory Investigation</i> , 2016, 96, 632-640.	1.7	13
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1511	What's new in mechanical ventilation in patients without ARDS: lessons from the ARDS literature. <i>Intensive Care Medicine</i> , 2016, 42, 787-789.	3.9	10
1512	The Effects of Prone Position Ventilation on Experimental Mild Acute Lung Injury Induced by Intraperitoneal Lipopolysaccharide Injection in Rats. <i>Lung</i> , 2016, 194, 193-199.	1.4	5
1513	Trauma indices for prediction of acute respiratory distress syndrome. <i>Journal of Surgical Research</i> , 2016, 201, 394-401.	0.8	20
1515	Diagnostic workup for ARDS patients. <i>Intensive Care Medicine</i> , 2016, 42, 674-685.	3.9	89
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1654	Gill damage and neurotoxicity of ammonia nitrogen on the clam <i>Ruditapes philippinarum</i> . <i>Ecotoxicology</i> , 2017, 26, 459-469.	1.1	40
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1658	Picoside II Protects Rat Lung and A549 Cell Against LPS-Induced Inflammation by the NF- $\kappa$ B Pathway. <i>Inflammation</i> , 2017, 40, 752-761.	1.7	22
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1666	Lung-Protective Ventilation Initiated in the Emergency Department (LOV-ED): A Quasi-Experimental, Before-After Trial. <i>Annals of Emergency Medicine</i> , 2017, 70, 406-418.e4.	0.3	83
1667	Mass spectrometry for the discovery of biomarkers of sepsis. <i>Molecular BioSystems</i> , 2017, 13, 648-664.	2.9	72
1668	Protective effects of ethyl pyruvate on lipopolysaccharide-induced acute lung injury through inhibition of autophagy in neutrophils. <i>Molecular Medicine Reports</i> , 2017, 15, 1272-1278.	1.1	23
1669	Nanoparticle-Mediated X-Ray Radiation Enhancement for Cancer Therapy. <i>Methods in Molecular Biology</i> , 2017, 1530, 391-401.	0.4	13
1670	Photodynamic therapy combined to cisplatin potentiates cell death responses of cervical cancer cells. <i>BMC Cancer</i> , 2017, 17, 123.	1.1	21
1671	The marine triterpene glycoside frondoside A induces p53-independent apoptosis and inhibits autophagy in urothelial carcinoma cells. <i>BMC Cancer</i> , 2017, 17, 93.	1.1	42
1672	In vivo imaging of the progression of acute lung injury using hyperpolarized [ <sup>13</sup> C] pyruvate. <i>Magnetic Resonance in Medicine</i> , 2017, 78, 2106-2115.	1.9	8
1673	Role of Cytochrome P450 (CYP)1A in Hyperoxic Lung Injury: Analysis of the Transcriptome and Proteome. <i>Scientific Reports</i> , 2017, 7, 642.	1.6	22
1674	Cigarette Smoke Exposure Worsens Endotoxin-Induced Lung Injury and Pulmonary Edema in Mice. <i>Nicotine and Tobacco Research</i> , 2017, 19, 1033-1039.	1.4	26
1675	Involvement of the Bufadienolides in the Detection and Therapy of the Acute Respiratory Distress Syndrome. <i>Lung</i> , 2017, 195, 323-332.	1.4	2
1676	Corylin protects LPS-induced sepsis and attenuates LPS-induced inflammatory response. <i>Scientific Reports</i> , 2017, 7, 46299.	1.6	100
1677	Effects of Levosimendan on Cellular Metabolic Alterations in Patients With Septic Shock. <i>Shock</i> , 2017, 48, 307-312.	1.0	26
1678	Silybin attenuates LPS-induced lung injury in mice by inhibiting NF- $\kappa$ B signaling and NLRP3 activation. <i>International Journal of Molecular Medicine</i> , 2017, 39, 1111-1118.	1.8	56
1679	Granulocyte and monocyte adsorptive apheresis ameliorates sepsis in rats. <i>Intensive Care Medicine Experimental</i> , 2017, 5, 18.	0.9	9
1680	Daphnetin reduces endotoxin lethality in mice and decreases LPS-induced inflammation in Raw264.7 cells via suppressing JAK/STATs activation and ROS production. <i>Inflammation Research</i> , 2017, 66, 579-589.	1.6	37
1681	The use of lung ultrasound images for the differential diagnosis of pulmonary and cardiac interstitial pathology. <i>Journal of Ultrasound</i> , 2017, 20, 91-96.	0.7	66
1682	Isoflurane anesthesia induces liver injury by regulating the expression of insulin-like growth factor 1. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 1608-1613.	0.8	21
1683	Region-specific role for Pten in maintenance of epithelial phenotype and integrity. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L131-L142.	1.3	4

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1685	Inositol polyphosphate multikinase promotes Toll-like receptor-induced inflammation by stabilizing TRAF6. <i>Science Advances</i> , 2017, 3, e1602296.	4.7	37
1686	Early-Onset Ventilator-Associated Pneumonia in Patients with Severe Traumatic Brain Injury: Incidence, Risk Factors, and Consequences in Cerebral Oxygenation and Outcome. <i>Neurocritical Care</i> , 2017, 27, 187-198.	1.2	57
1687	Collapse of the Microbiome, Emergence of the Pathobiome, and the Immunopathology of Sepsis. <i>Critical Care Medicine</i> , 2017, 45, 337-347.	0.4	134
1688	Cell Origin Dictates Programming of Resident versus Recruited Macrophages during Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 294-306.	1.4	139
1689	Myeloperoxidase Mediates Postischemic Arrhythmogenic Ventricular Remodeling. <i>Circulation Research</i> , 2017, 121, 56-70.	2.0	59
1690	Myocardial oxidative stress correlates with left ventricular dysfunction on strain echocardiography in a rodent model of sepsis. <i>Intensive Care Medicine Experimental</i> , 2017, 5, 21.	0.9	41
1691	Protective effect of TM6 on LPS-induced acute lung injury in mice. <i>Scientific Reports</i> , 2017, 7, 572.	1.6	29
1692	Muscle Weakness and 5-Year Survival in Acute Respiratory Distress Syndrome Survivors*. <i>Critical Care Medicine</i> , 2017, 45, 446-453.	0.4	122
1693	Blood product transfusion in emergency department patients: a case-control study of practice patterns and impact on outcome. <i>International Journal of Emergency Medicine</i> , 2017, 10, 5.	0.6	8
1694	Patient-Derived Airway Secretion Dissociation Technique To Isolate and Concentrate Immune Cells Using Closed-Loop Inertial Microfluidics. <i>Analytical Chemistry</i> , 2017, 89, 5549-5556.	3.2	40
1695	Randomized Clinical Trial of a Combination of an Inhaled Corticosteroid and Beta Agonist in Patients at Risk of Developing the Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2017, 45, 798-805.	0.4	69
1696	Effects of siRNA-mediated suppression of HPV-11 L1 expression on the proliferation and apoptosis of vaginal epithelial cells. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 1561-1565.	0.8	5
1697	A Two-Biomarker Model Predicts Mortality in the Critically Ill with Sepsis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1004-1011.	2.5	50
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1699	Anti-Inflammatory Therapeutic Effect of Adiponectin Gene Delivery Using a Polymeric Carrier in an Acute Lung Injury Model. <i>Pharmaceutical Research</i> , 2017, 34, 1517-1526.	1.7	19
1700	High yield, scalable and remotely drug-loaded neutrophil-derived extracellular vesicles (EVs) for anti-inflammation therapy. <i>Biomaterials</i> , 2017, 135, 62-73.	5.7	147
1701	Therapeutic blockade of CD54 attenuates pulmonary barrier damage in T cell-induced acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L177-L191.	1.3	14

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1703	Protective Effects of Acupuncture in Cardiopulmonary Bypass-Induced Lung Injury in Rats. <i>Inflammation</i> , 2017, 40, 1275-1284.	1.7	24
1704	Photosensitization Priming of Tumor Microenvironments Improves Delivery of Nanotherapeutics via Neutrophil Infiltration. <i>Advanced Materials</i> , 2017, 29, 1701021.	11.1	134
1705	Organ-Specific Differences in Endothelial Permeability-Regulating Molecular Responses in Mouse and Human Sepsis. <i>Shock</i> , 2017, 48, 69-77.	1.0	47
1706	Systematic review and meta-analysis of complications and mortality of veno-venous extracorporeal membrane oxygenation for refractory acute respiratory distress syndrome. <i>Annals of Intensive Care</i> , 2017, 7, 51.	2.2	175
1707	What's in a Number? Platelet Count Dynamics as a Novel Mediator of Acute Respiratory Distress Syndrome Survival. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 1285-1287.	2.5	1
1708	Preadmission Oral Corticosteroids Are Associated With Reduced Risk of Acute Respiratory Distress Syndrome in Critically Ill Adults With Sepsis*. <i>Critical Care Medicine</i> , 2017, 45, 774-780.	0.4	14
1709	Implementing a bedside assessment of respiratory mechanics in patients with acute respiratory distress syndrome. <i>Critical Care</i> , 2017, 21, 84.	2.5	35
1710	Future Years of Research in ARDS. Genomic Contributions and Opportunities. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 1113-1121.	2.5	52
1711	Hydrogen Sulfide: A Novel Player in Airway Development, Pathophysiology of Respiratory Diseases, and Antiviral Defenses. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 403-410.	1.4	79
1712	Chronic DON exposure and acute LPS challenge: effects on porcine liver morphology and function. <i>Mycotoxin Research</i> , 2017, 33, 207-218.	1.3	17
1713	Synergistic effects of a novel lipid-soluble extract from <i>Pinellia pedatisecta</i> Schott and cisplatin on human cervical carcinoma cell lines through the regulation of DNA damage response signaling pathway. <i>Oncology Letters</i> , 2017, 13, 2121-2128.	0.8	11
1714	Comparison of the Performance Between Sepsis-1 and Sepsis-3 in ICUs in China. <i>Shock</i> , 2017, 48, 301-306.	1.0	36
1715	Coinfection and Mortality in Pneumonia-Related Acute Respiratory Distress Syndrome Patients with Bronchoalveolar Lavage. <i>Shock</i> , 2017, 47, 615-620.	1.0	21
1716	Impaired AMPK Activity Drives Age-Associated Acute Lung Injury after Hemorrhage. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 553-555.	1.4	7
1717	Protective intraoperative ventilation with higher versus lower levels of positive end-expiratory pressure in obese patients (PROBESE): study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 202.	0.7	40
1718	Robustness of two different methods of monitoring respiratory system compliance during mechanical ventilation. <i>Medical and Biological Engineering and Computing</i> , 2017, 55, 1819-1828.	1.6	5
1719	Partial pressure of arterial carbon dioxide and survival to hospital discharge among patients requiring acute mechanical ventilation: A cohort study. <i>Journal of Critical Care</i> , 2017, 41, 29-35.	1.0	9

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1721	Early measurement of IL-10 predicts the outcomes of patients with acute respiratory distress syndrome receiving extracorporeal membrane oxygenation. Scientific Reports, 2017, 7, 1021.	1.6	27
1722	Neutrophil Extracellular Traps Stimulate Proinflammatory Responses in Human Airway Epithelial Cells. Journal of Innate Immunity, 2017, 9, 387-402.	1.8	64
1723	The Angiotensin-Tie2 Signaling Axis in Systemic Inflammation. Journal of the American Society of Nephrology: JASN, 2017, 28, 1973-1982.	3.0	59
1724	Healthcare Resource Use and Costs in Long-Term Survivors of Acute Respiratory Distress Syndrome: A 5-Year Longitudinal Cohort Study*. Critical Care Medicine, 2017, 45, 196-204.	0.4	35
1725	Relative Bradycardia in Patients With Septic Shock Requiring Vasopressor Therapy. Critical Care Medicine, 2017, 45, 225-233.	0.4	22
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1727	Acute respiratory distress syndrome. European Respiratory Review, 2017, 26, 160116.	3.0	147
1728	Telmisartan suppresses cardiac hypertrophy by inhibiting cardiomyocyte apoptosis via the NFAT/ANP/BNP signaling pathway. Molecular Medicine Reports, 2017, 15, 2574-2582.	1.1	35
1729	Identification and validation of distinct biological phenotypes in patients with acute respiratory distress syndrome by cluster analysis. Thorax, 2017, 72, 876-883.	2.7	202
1730	An Active Drimane-Type Lactone from Polygonum jucundum Attenuates Lipopolysaccharide-Induced Acute Lung Injury in Mice Through TLR4-MAPKs Signaling Pathway. Inflammation, 2017, 40, 1204-1213.	1.7	13
1731	Incorporating Inflammation into Mortality Risk in Pediatric Acute Respiratory Distress Syndrome. Critical Care Medicine, 2017, 45, 858-866.	0.4	41
1732	Targeting myeloid differentiation protein 2 by the new chalcone L2H21 protects LPS-induced acute lung injury. Journal of Cellular and Molecular Medicine, 2017, 21, 746-757.	1.6	17
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1734	Emergent laparotomy and temporary abdominal closure for the cirrhotic patient. Journal of Surgical Research, 2017, 210, 108-114.	0.8	4
1735	Neuroinflammation-Induced Downregulation of Hippocampal Neuregulin 1-ErbB4 Signaling in the Parvalbumin Interneurons Might Contribute to Cognitive Impairment in a Mouse Model of Sepsis-Associated Encephalopathy. Inflammation, 2017, 40, 387-400.	1.7	35
1736	Acute lung injury and persistent small airway disease in a rabbit model of chlorine inhalation. Toxicology and Applied Pharmacology, 2017, 315, 1-11.	1.3	20
1737	Hypoxia-Inducible Factor 1 $\alpha$ Signaling Promotes Repair of the Alveolar Epithelium after Acute Lung Injury. American Journal of Pathology, 2017, 187, 1772-1786.	1.9	86



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1740	Consequences of extracellular trap formation in sepsis. <i>Current Opinion in Hematology</i> , 2017, 24, 66-71.	1.2	68
1741	Apoptosis and Compensatory Proliferation Signaling Are Coupled by Crkl-Containing Microvesicles. <i>Developmental Cell</i> , 2017, 41, 674-684.e5.	3.1	42
1742	Surfactants in Acute Respiratory Distress Syndrome in Infants and Children: Past, Present and Future. <i>Clinical Drug Investigation</i> , 2017, 37, 729-736.	1.1	30
1743	Automated control of mechanical ventilation during general anaesthesia: study protocol of a bicentric observational study (AVAS). <i>BMJ Open</i> , 2017, 7, e014742.	0.8	7
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1745	Biomedical Risk Factors of Achilles Tendinopathy in Physically Active People: a Systematic Review. <i>Sports Medicine - Open</i> , 2017, 3, 20.	1.3	21
1746	Subcellular Energetics and Metabolism: A Cross-Species Framework. <i>Anesthesia and Analgesia</i> , 2017, 124, 1857-1871.	1.1	21
1747	Frequency of respiratory viruses among patients admitted to 26 Intensive Care Units in seven consecutive winter-spring seasons (2009-2016) in Northern Italy. <i>Journal of Clinical Virology</i> , 2017, 92, 48-51.	1.6	32
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1749	Moxifloxacin monotherapy versus combination therapy in patients with severe community-acquired pneumonia evoked ARDS. <i>BMC Anesthesiology</i> , 2017, 17, 78.	0.7	6
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1753	Biodistribution and residence time of adenovector serotype 5 in normal and immunodeficient mice and rats detected with bioluminescent imaging. <i>Scientific Reports</i> , 2017, 7, 3597.	1.6	8
1754	Novel analysis of 4DCT imaging quantifies progressive increases in anatomic dead space during mechanical ventilation in mice. <i>Journal of Applied Physiology</i> , 2017, 123, 578-584.	1.2	10
1755	Valproic acid mitigates the inflammatory response and prevents acute respiratory distress syndrome in a murine model of <i>Escherichia coli</i> pneumonia at the expense of bacterial clearance. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, 758-765.	1.1	17

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1757	Circulating microparticle levels are reduced in patients with ARDS. <i>Critical Care</i> , 2017, 21, 120.	2.5	34
1758	External validation of a biomarker and clinical prediction model for hospital mortality in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2017, 43, 1123-1131.	3.9	25
1759	The alleviative effects of metformin for lipopolysaccharide-induced acute lung injury rat model and its underlying mechanism. <i>Saudi Pharmaceutical Journal</i> , 2017, 25, 666-670.	1.2	25
1760	The ubiquitin ligase ZNRF1 promotes caveolin-1 ubiquitination and degradation to modulate inflammation. <i>Nature Communications</i> , 2017, 8, 15502.	5.8	48
1761	Unbiased Quantitation of Alveolar Type II to Alveolar Type I Cell Transdifferentiation during Repair after Lung Injury in Mice. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 519-526.	1.4	76
1762	The negative effect of initial high-dose methylprednisolone and tapering regimen for acute respiratory distress syndrome: a retrospective propensity matched cohort study. <i>Critical Care</i> , 2017, 21, 135.	2.5	29
1763	Severe varicella-zoster virus pneumonia: a multicenter cohort study. <i>Critical Care</i> , 2017, 21, 137.	2.5	47
1764	Evaluation of the effect of recombinant thrombomodulin on a lipopolysaccharide-induced murine sepsis model. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 2969-2974.	0.8	17
1765	PPAR- $\delta$ improves the recovery of lung function following acute respiratory distress syndrome by suppressing the level of TGF- $\beta$ 1. <i>Molecular Medicine Reports</i> , 2017, 16, 49-56.	1.1	4
1766	Redox signaling during hypoxia in mammalian cells. <i>Redox Biology</i> , 2017, 13, 228-234.	3.9	152
1767	Immediate and delayed potentiating effects of tumor necrosis factor- $\alpha$ on TRPV1 sensitivity of rat vagal pulmonary sensory neurons. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L293-L304.	1.3	17
1768	Protective Effects of Neural Crest-Derived Stem Cell-Conditioned Media against Ischemia-Reperfusion-Induced Lung Injury in Rats. <i>Inflammation</i> , 2017, 40, 1532-1542.	1.7	6
1769	Heat Shock Protein A12B Protects Vascular Endothelial Cells Against Sepsis-Induced Acute Lung Injury in Mice. <i>Cellular Physiology and Biochemistry</i> , 2017, 42, 156-168.	1.1	7,352
1770	Nonlinear Imputation of Pao 2/Fio 2 From Spo 2/Fio 2 Among Mechanically Ventilated Patients in the ICU: A Prospective, Observational Study. <i>Critical Care Medicine</i> , 2017, 45, 1317-1324.	0.4	80
1771	The role of extracellular histone in organ injury. <i>Cell Death and Disease</i> , 2017, 8, e2812-e2812.	2.7	216
1772	Comorbidities impact on the prognosis of severe acute community-acquired pneumonia. <i>Porto Biomedical Journal</i> , 2017, 2, 265-272.	0.4	21
1773	Development and Validation of a Score to Predict Mortality in Children Undergoing Extracorporeal Membrane Oxygenation for Respiratory Failure: Pediatric Pulmonary Rescue With Extracorporeal Membrane Oxygenation Prediction Score*. <i>Critical Care Medicine</i> , 2017, 45, e58-e66.	0.4	53

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1775	Design of Surfactant Protein B Peptide Mimics Based on the Saposin Fold for Synthetic Lung Surfactants. <i>Biomedicine Hub</i> , 2017, 1, 1-21.	0.4	24
1776	CD39 limits P2X7 receptor inflammatory signaling and attenuates sepsis-induced liver injury. <i>Journal of Hepatology</i> , 2017, 67, 716-726.	1.8	122
1777	Efficacy of Rhesus Theta-Defensin-1 in Experimental Models of <i>Pseudomonas aeruginosa</i> Lung Infection and Inflammation. <i>Antimicrobial Agents and Chemotherapy</i> , 2017, 61, .	1.4	22
1778	Epidural analgesia in critically ill patients with acute pancreatitis: the multicentre randomised controlled EPIPAN study protocol. <i>BMJ Open</i> , 2017, 7, e015280.	0.8	32
1779	Minute ventilation to carbon dioxide production ratio is a simple and non-invasive index of ventilatory inefficiency in mechanically ventilated patients: proof of concept. <i>Intensive Care Medicine</i> , 2017, 43, 1542-1543.	3.9	5
1780	Cytokine storm and sepsis disease pathogenesis. <i>Seminars in Immunopathology</i> , 2017, 39, 517-528.	2.8	879
1781	Endothelial Glycocalyx Repair: Building a Wall to Protect the Lung during Sepsis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 687-688.	1.4	17
1782	Effect of ARDS Severity and Etiology on Short-Term Outcomes. <i>Respiratory Care</i> , 2017, 62, 1178-1185.	0.8	9
1783	Surviving murine experimental sepsis affects the function and morphology of the inner ear. <i>Biology Open</i> , 2017, 6, 732-740.	0.6	6
1784	Saturated hydrogen saline ameliorates lipopolysaccharide-induced acute lung injury by reducing excessive autophagy (Review). <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 2609-2615.	0.8	13
1785	Neuroglobin Protects Rats from Sepsis-Associated Encephalopathy via a PI3K/Akt/Bax-Dependent Mechanism. <i>Journal of Molecular Neuroscience</i> , 2017, 63, 1-8.	1.1	17
1786	Different strategies for mechanical VENTilation during CardioPulmonary Bypass (CPBVENT 2014): study protocol for a randomized controlled trial. <i>Trials</i> , 2017, 18, 264.	0.7	20
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1788	Cavidine Ameliorates Lipopolysaccharide-Induced Acute Lung Injury via NF- $\kappa$ B Signaling Pathway in vivo and in vitro. <i>Inflammation</i> , 2017, 40, 1111-1122.	1.7	23
1789	Disassociating Lung Mechanics and Oxygenation in Pediatric Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2017, 45, 1232-1239.	0.4	40
1790	Balsamin induces apoptosis in breast cancer cells via DNA fragmentation and cell cycle arrest. <i>Molecular and Cellular Biochemistry</i> , 2017, 432, 189-198.	1.4	27
1791	Successful treatment of pulmonary injury after nitrogen oxide exposure with corticosteroid therapy: A case report and review of the literature. <i>Respiratory Medicine Case Reports</i> , 2017, 20, 107-110.	0.2	3

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1793	When Is an Alveolar Type 2 Cell an Alveolar Type 2 Cell? A Conundrum for Lung Stem Cell Biology and Regenerative Medicine. American Journal of Respiratory Cell and Molecular Biology, 2017, 57, 18-27.	1.4	104
1794	Opening pressures in ARDS. Intensive Care Medicine, 2017, 43, 702-704.	3.9	0
1795	Protectin DX increases survival in a mouse model of sepsis by ameliorating inflammation and modulating macrophage phenotype. Scientific Reports, 2017, 7, 99.	1.6	60
1796	Early Immune Regulatory Changes in a Primary Controlled Human Plasmodium vivax Infection: CD1c <sup>+</sup> Myeloid Dendritic Cell Maturation Arrest, Induction of the Kynurenine Pathway, and Regulatory T Cell Activation. Infection and Immunity, 2017, 85, .	1.0	22
1797	HSP70-1 is required for interleukin-5-induced angiogenic responses through eNOS pathway. Scientific Reports, 2017, 7, 44687.	1.6	30
1798	The prognostic value of N-terminal proB-type natriuretic peptide in patients with acute respiratory distress syndrome. Scientific Reports, 2017, 7, 44784.	1.6	16
1799	A Quasi-Experimental, Before-After Trial Examining the Impact of an Emergency Department Mechanical Ventilator Protocol on Clinical Outcomes and Lung-Protective Ventilation in Acute Respiratory Distress Syndrome. Critical Care Medicine, 2017, 45, 645-652.	0.4	45
1800	Prevention or Treatment of Ards With Aspirin. Shock, 2017, 47, 13-21.	1.0	67
1801	Multiple Organ Dysfunction in Children Mechanically Ventilated for Acute Respiratory Failure*. Pediatric Critical Care Medicine, 2017, 18, 319-329.	0.2	33
1802	Potential contribution of mitochondrial DNA damage associated molecular patterns in transfusion products to the development of acute respiratory distress syndrome after multiple transfusions. Journal of Trauma and Acute Care Surgery, 2017, 82, 1023-1029.	1.1	53
1803	Inflammation-induced caveolin-1 and BMPRII depletion promotes endothelial dysfunction and TGF- $\beta$ -driven pulmonary vascular remodeling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2017, 312, L760-L771.	1.3	45
1804	Role of the IL-33-ST2 axis in sepsis. Military Medical Research, 2017, 4, 3.	1.9	45
1805	Treatment with milk fat globule epidermal growth factor-factor 8 (MFG-E8) reduces inflammation and lung injury in neonatal sepsis. Surgery, 2017, 162, 349-357.	1.0	18
1806	A developmental toxicity assay of Carpesii Fructus on zebrafish embryos/larvae. Toxicology Research, 2017, 6, 460-467.	0.9	21
1807	High-flow nasal cannula support therapy: new insights and improving performance. Critical Care, 2017, 21, 62.	2.5	59
1808	Impact of bone marrow-derived mesenchymal stem cells on remodeling the lung injury induced by lipopolysaccharides in mice. Future Science OA, 2017, 3, FSO162.	0.9	6
1810	Update in Critical Care Medicine: Evidence Published in 2016. Annals of Internal Medicine, 2017, 166, W20.	2.0	0

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1812	Integrated Stress Response Mediates Epithelial Injury in Mechanical Ventilation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 193-203.	1.4	37
1813	Parecoxib reduced ventilation induced lung injury in acute respiratory distress syndrome. <i>BMC Pharmacology &amp; Toxicology</i> , 2017, 18, 25.	1.0	11
1814	Psychiatric Symptoms in Survivors of Acute Respiratory Distress Syndrome. Effects of Age, Sex, and Immune Modulation. <i>Annals of the American Thoracic Society</i> , 2017, 14, 960-967.	1.5	27
1815	Effects of SDF-1/CXCR4 on Acute Lung Injury Induced by Cardiopulmonary Bypass. <i>Inflammation</i> , 2017, 40, 937-945.	1.7	14
1816	Noninvasive Bioluminescence Imaging of AKT Kinase Activity in Subcutaneous and Orthotopic NSCLC Xenografts: Correlation of AKT Activity with Tumor Growth Kinetics. <i>Neoplasia</i> , 2017, 19, 310-320.	2.3	7
1817	Xanthohumol ameliorates lipopolysaccharide (LPS)-induced acute lung injury via induction of AMPK/GSK3 $\hat{\pm}$ -Nrf2 signal axis. <i>Redox Biology</i> , 2017, 12, 311-324.	3.9	313
1818	Profiling of ARDS pulmonary edema fluid identifies a metabolically distinct subset. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 312, L703-L709.	1.3	36
1819	Regulation of A-Kinase-Anchoring Protein 12 by Heat Shock Protein A12B to Prevent Ventricular Dysfunction Following Acute Myocardial Infarction in Diabetic Rats. <i>Journal of Cardiovascular Translational Research</i> , 2017, 10, 209-220.	1.1	9
1820	STIM1 Phosphorylation at Y361 Recruits Orail to STIM1 Puncta and Induces Ca <sup>2+</sup> Entry. <i>Scientific Reports</i> , 2017, 7, 42758.	1.6	48
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1822	Curcumin inhibits lipopolysaccharide (LPS)-induced endotoxemia and airway inflammation through modulation of sequential release of inflammatory mediators (TNF- $\hat{\pm}$ and TGF- $\hat{\pm}$ 1) in murine model. <i>Inflammopharmacology</i> , 2017, 25, 329-341.	1.9	50
1823	Fifty Years of Research in ARDS. Cell-based Therapy for Acute Respiratory Distress Syndrome. Biology and Potential Therapeutic Value. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 196, 266-273.	2.5	179
1824	Nanomedicine for the Treatment of Acute Respiratory Distress Syndrome. The 2016 ATS Bear Cage Award "winning Proposal. <i>Annals of the American Thoracic Society</i> , 2017, 14, 561-564.	1.5	14
1825	Dendritic Cells Display Subset and Tissue-Specific Maturation Dynamics over Human Life. <i>Immunity</i> , 2017, 46, 504-515.	6.6	230
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1827	Intermedin $\hat{\pm}$ 53 enhances angiogenesis and attenuates adverse remodeling following myocardial infarction by activating AMP-activated protein kinase. <i>Molecular Medicine Reports</i> , 2017, 15, 1497-1506.	1.1	10
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1830	Targeted disruption of <i>Noc4l</i> leads to preimplantation embryonic lethality in mice. <i>Protein and Cell</i> , 2017, 8, 230-235.	4.8	7
1831	Effects of neuromuscular blockers on transpulmonary pressures in moderate to severe acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2017, 43, 408-418.	3.9	86
1832	Population Pharmacokinetics and Pharmacodynamics Modelling of Diltiazem in Severe Trauma Subjects at Risk for Acute Respiratory Distress Syndrome. <i>Drugs in R and D</i> , 2017, 17, 145-158.	1.1	7
1833	Deletion of <i>Nlrp3</i> Augments Survival during Polymicrobial Sepsis by Decreasing Autophagy and Enhancing Phagocytosis. <i>Journal of Immunology</i> , 2017, 198, 1253-1262.	0.4	87
1834	Late-onset moderate to severe acute respiratory distress syndrome is associated with shorter survival and higher mortality: a two-stage association study. <i>Intensive Care Medicine</i> , 2017, 43, 399-407.	3.9	27
1835	Deficiency in milk fat globule-epidermal growth factor-factor 8 exacerbates organ injury and mortality in neonatal sepsis. <i>Journal of Pediatric Surgery</i> , 2017, 52, 1520-1527.	0.8	14
1836	Temporal gradients limit the accumulation of neutrophils toward sources of chemoattractant. <i>Microsystems and Nanoengineering</i> , 2017, 3, .	3.4	25
1837	Curcumin suppresses inflammatory cytokines and heat shock protein 70 release and improves metabolic parameters during experimental sepsis. <i>Pharmaceutical Biology</i> , 2017, 55, 269-276.	1.3	24
1838	Therapeutic Effects of Human Umbilical Cord-Derived Mesenchymal Stem Cells in Acute Lung Injury Mice. <i>Scientific Reports</i> , 2017, 7, 39889.	1.6	74
1839	Recovery from Dysphagia Symptoms after Oral Endotracheal Intubation in Acute Respiratory Distress Syndrome Survivors. A 5-Year Longitudinal Study. <i>Annals of the American Thoracic Society</i> , 2017, 14, 376-383.	1.5	122
1840	Exosomes from iPSCs Delivering siRNA Attenuate Intracellular Adhesion Molecule-1 Expression and Neutrophils Adhesion in Pulmonary Microvascular Endothelial Cells. <i>Inflammation</i> , 2017, 40, 486-496.	1.7	56
1841	Microarray expression profiles of genes in lung tissues of rats subjected to focal cerebral ischemia-induced lung injury following bone marrow-derived mesenchymal stem cell transplantation. <i>International Journal of Molecular Medicine</i> , 2017, 39, 57-70.	1.8	8
1842	What drives neutrophils to the alveoli in ARDS?. <i>Thorax</i> , 2017, 72, 1-3.	2.7	418
1843	IL-36 receptor deletion attenuates lung injury and decreases mortality in murine influenza pneumonia. <i>Mucosal Immunology</i> , 2017, 10, 1043-1055.	2.7	55
1844	Frontline Science: HMGB1 induces neutrophil dysfunction in experimental sepsis and in patients who survive septic shock. <i>Journal of Leukocyte Biology</i> , 2017, 101, 1281-1287.	1.5	55
1845	Vaspin protects against LPS-induced ARDS by inhibiting inflammation, apoptosis and reactive oxygen species generation in pulmonary endothelial cells via the Akt/GSK-3 $\beta$ pathway. <i>International Journal of Molecular Medicine</i> , 2017, 40, 1803-1817.	1.8	42
1846	Nitrite administration improves sepsis-induced myocardial and mitochondrial dysfunction by modulating stress signal responses. <i>Journal of Anesthesia</i> , 2017, 31, 885-894.	0.7	3

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1848	Imatinib Alters Agonists-mediated Cytoskeletal Biomechanics in Lung Endothelium. <i>Scientific Reports</i> , 2017, 7, 14152.	1.6	8
1849	Acute respiratory distress syndrome; A rare complication caused by usage of ruxolitinib. <i>Respiratory Medicine Case Reports</i> , 2017, 22, 243-245.	0.2	8
1850	Significance of hydrogen sulfide in sepsis-induced myocardial injury in rats. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 2153-2161.	0.8	16
1851	Naringenin ameliorates LPS-induced acute lung injury through its anti-oxidative and anti-inflammatory activity and by inhibition of the PI3K/AKT pathway. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 2228-2234.	0.8	62
1852	Lymphopenic Community Acquired Pneumonia (L-CAP), an Immunological Phenotype Associated with Higher Risk of Mortality. <i>EBioMedicine</i> , 2017, 24, 231-236.	2.7	69
1853	Role of myeloperoxidase in abdominal aortic aneurysm formation: mitigation by taurine. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2017, 313, H1168-H1179.	1.5	50
1854	Acute respiratory distress syndrome. <i>Clinical Medicine</i> , 2017, 17, 439-443.	0.8	8
1855	Macrophage-like nanoparticles concurrently absorbing endotoxins and proinflammatory cytokines for sepsis management. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 11488-11493.	3.3	364
1856	Intravenous superoxide dismutase as a protective agent to prevent impairment of lung function induced by high tidal volume ventilation. <i>BMC Pulmonary Medicine</i> , 2017, 17, 105.	0.8	12
1857	Association of Myeloperoxidase and the Atherogenic Index of Plasma in Children with End-Stage Renal Disease. <i>Journal of Medical Biochemistry</i> , 2017, 36, 23-31.	0.7	6
1858	An Essential Role for TAGLN2 in Phagocytosis of Lipopolysaccharide-activated Macrophages. <i>Scientific Reports</i> , 2017, 7, 8731.	1.6	25
1859	Vitamin D alleviates lipopolysaccharide-induced acute lung injury via regulation of the renin-angiotensin system. <i>Molecular Medicine Reports</i> , 2017, 16, 7432-7438.	1.1	288
1860	Glycogen synthase kinase-3 $\beta$ inhibitor reduces LPS-induced acute lung injury in mice. <i>Molecular Medicine Reports</i> , 2017, 16, 6715-6721.	1.1	13
1861	Spred2-deficiency Protects Mice from Polymicrobial Septic Peritonitis by Enhancing Inflammation and Bacterial Clearance. <i>Scientific Reports</i> , 2017, 7, 12833.	1.6	19
1862	Neutrophil-Particle Interactions in Blood Circulation Drive Particle Clearance and Alter Neutrophil Responses in Acute Inflammation. <i>ACS Nano</i> , 2017, 11, 10797-10807.	7.3	71
1863	Controlled delivery and minimally invasive imaging of stem cells in the lung. <i>Scientific Reports</i> , 2017, 7, 13082.	1.6	34
1864	ALK is a therapeutic target for lethal sepsis. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	90

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1866	ROS Signaling in the Pathogenesis of Acute Lung Injury (ALI) and Acute Respiratory Distress Syndrome (ARDS). <i>Advances in Experimental Medicine and Biology</i> , 2017, 967, 105-137.	0.8	249
1867	Signalling mechanisms in PAF-induced intestinal failure. <i>Scientific Reports</i> , 2017, 7, 13382.	1.6	6
1868	Lipopolysaccharide suppresses IgE-mediated reactions. <i>Clinical and Experimental Allergy</i> , 2017, 47, 1574-1585.	1.4	16
1869	Sepsis reveals compartment-specific responses in intestinal proliferation and apoptosis in transgenic mice whose enterocytes re-enter the cell cycle. <i>FASEB Journal</i> , 2017, 31, 5507-5519.	0.2	4
1870	Cytosolic Phospholipase A <sub>2</sub> Promotes Pulmonary Inflammation and Systemic Disease during <i>Streptococcus pneumoniae</i> Infection. <i>Infection and Immunity</i> , 2017, 85, .	1.0	32
1871	Alcohol abuse is associated with enhanced pulmonary and systemic xanthine oxidoreductase activity. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L1047-L1057.	1.3	8
1872	The erythropoietin-derived peptide MK-X and erythropoietin have neuroprotective effects against ischemic brain damage. <i>Cell Death and Disease</i> , 2017, 8, e3003-e3003.	2.7	31
1873	Connexin 43 enhances paclitaxel cytotoxicity in colorectal cancer cell lines. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 1212-1218.	0.8	15
1874	Oxygenation Saturation Index Predicts Clinical Outcomes in ARDS. <i>Chest</i> , 2017, 152, 1151-1158.	0.4	70
1875	Use of a Central Venous Line for Fluids, Drugs and Nutrient Administration in a Mouse Model of Critical Illness. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	15
1876	TRAIL DR5-CTSB crosstalk participates in breast cancer autophagy initiated by SAHA. <i>Cell Death Discovery</i> , 2017, 3, 17052.	2.0	7
1877	A systematic review of diagnostic methods to differentiate acute lung injury/acute respiratory distress syndrome from cardiogenic pulmonary edema. <i>Critical Care</i> , 2017, 21, 228.	2.5	41
1878	A Descriptive Report of Early Mobilization for Critically Ill Ventilated Patients With Cancer. <i>Rehabilitation Oncology</i> , 2017, 35, 144-150.	0.2	9
1879	Functional vascularized lung grafts for lung bioengineering. <i>Science Advances</i> , 2017, 3, e1700521.	4.7	72
1880	Derivation and validation of a two-biomarker panel for diagnosis of ARDS in patients with severe traumatic injuries. <i>Trauma Surgery and Acute Care Open</i> , 2017, 2, e000121.	0.8	28
1882	Official ERS/ATS clinical practice guidelines: noninvasive ventilation for acute respiratory failure. <i>European Respiratory Journal</i> , 2017, 50, 1602426.	3.1	1,014
1884	Extracorporeal membrane oxygenation in spina bifida and (H1N1)-induced acute respiratory distress syndrome. <i>Journal of Artificial Organs</i> , 2017, 20, 354-358.	0.4	2



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1886	Enterovirus-Human Rhinovirus: A Rare Cause of Acute Respiratory Distress Syndrome. <i>Journal of Investigative Medicine High Impact Case Reports</i> , 2017, 5, 232470961772852.	0.3	7
1887	Neutrophil-Derived Cytosolic PLA2 $\alpha$ Contributes to Bacterial-Induced Neutrophil Transepithelial Migration. <i>Journal of Immunology</i> , 2017, 199, 2873-2884.	0.4	17
1888	Activated Protein C Attenuates Severe Inflammation by Targeting VLA-3high Neutrophil Subpopulation in Mice. <i>Journal of Immunology</i> , 2017, 199, 2930-2936.	0.4	6
1889	Regulation of Akt-mTOR, ubiquitin-proteasome and autophagy-lysosome pathways in locomotor and respiratory muscles during experimental sepsis in mice. <i>Scientific Reports</i> , 2017, 7, 10866.	1.6	20
1890	Interleukin-22 level is negatively correlated with neutrophil recruitment in the lungs in a <i>Pseudomonas aeruginosa</i> pneumonia model. <i>Scientific Reports</i> , 2017, 7, 11010.	1.6	31
1891	The FER rs4957796 TT genotype is associated with unfavorable 90-day survival in Caucasian patients with severe ARDS due to pneumonia. <i>Scientific Reports</i> , 2017, 7, 9887.	1.6	18
1892	Grifola frondosa polysaccharides induce breast cancer cell apoptosis via the mitochondrial-dependent apoptotic pathway. <i>International Journal of Molecular Medicine</i> , 2017, 40, 1089-1095.	1.8	21
1893	The Contributing Risk of Tobacco Use for ARDS Development in Burn-Injured Adults With Inhalation Injury. <i>Respiratory Care</i> , 2017, 62, 1456-1465.	0.8	5
1894	Neutrophil transfer of miR-223 to lung epithelial cells dampens acute lung injury in mice. <i>Science Translational Medicine</i> , 2017, 9, .	5.8	162
1895	Pathophysiology and Management of Acute Respiratory Distress Syndrome in Children. <i>Pediatric Clinics of North America</i> , 2017, 64, 1017-1037.	0.9	26
1896	Variability in Usual Care Mechanical Ventilation for Pediatric Acute Respiratory Distress Syndrome: Time for a Decision Support Protocol?*. <i>Pediatric Critical Care Medicine</i> , 2017, 18, e521-e529.	0.2	34
1897	Early application of airway pressure release ventilation may reduce the duration of mechanical ventilation in acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2017, 43, 1648-1659.	3.9	178
1898	Effects of N-acetylcysteine treatment in acute respiratory distress syndrome: A meta-analysis. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 2863-2868.	0.8	53
1899	Mitigation of sepsis-induced inflammatory responses and organ injury through targeting Wnt/ $\beta$ -catenin signaling. <i>Scientific Reports</i> , 2017, 7, 9235.	1.6	41
1900	Schisandrin B reverses doxorubicin resistance through inhibiting P-glycoprotein and promoting proteasome-mediated degradation of survivin. <i>Scientific Reports</i> , 2017, 7, 8419.	1.6	26
1901	Effects of Ecballium elaterium on brain in a rat model of sepsis-associated encephalopathy. <i>Libyan Journal of Medicine</i> , 2017, 12, 1369834.	0.8	12
1902	Zinc depletion promotes apoptosis-like death in drug-sensitive and antimony-resistance <i>Leishmania donovani</i> . <i>Scientific Reports</i> , 2017, 7, 10488.	1.6	19

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1904	Inhibition of complement C5 protects against organ failure and reduces mortality in a baboon model of <i>Escherichia coli</i> sepsis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6390-E6399.	3.3	81
1905	2015 Revised Utstein-Style Recommended Guidelines for Uniform Reporting of Data From Drowning-Related Resuscitation: An ILCOR Advisory Statement. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2017, 10, .	0.9	59
1906	10-3 free fatty acids and all-trans retinoic acid synergistically induce growth inhibition of three subtypes of breast cancer cell lines. <i>Scientific Reports</i> , 2017, 7, 2929.	1.6	28
1907	Correlation Between PaO <sub>2</sub> /FIO <sub>2</sub> and Peripheral Capillary Oxygenation/FIO <sub>2</sub> in Burned Children With Smoke Inhalation Injury. <i>Pediatric Critical Care Medicine</i> , 2017, 18, e472-e476.	0.2	1
1908	Interleukin-6 RNA knockdown ameliorates acute lung injury induced by intestinal ischemia reperfusion in rats by upregulating interleukin-10 expression. <i>Molecular Medicine Reports</i> , 2017, 16, 2529-2537.	1.1	14
1909	In vitro and in vivo characterization of poractant alfa supplemented with budesonide for safe and effective intratracheal administration. <i>Pediatric Research</i> , 2017, 82, 1056-1063.	1.1	27
1910	17β-Estradiol-Induced Arachidonoyl Dopamine Modulates Acute Systemic Inflammation via Nonhematopoietic TRPV1. <i>Journal of Immunology</i> , 2017, 199, 1465-1475.	0.4	24
1911	Dramatic increases in blood glutamate concentrations are closely related to traumatic brain injury-induced acute lung injury. <i>Scientific Reports</i> , 2017, 7, 5380.	1.6	25
1912	TGF-β <sub>2</sub> inhibits alveolar protein transport by promoting shedding, regulated intramembrane proteolysis, and transcriptional downregulation of megalin. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L807-L824.	1.3	11
1913	Differential pulmonary effects of wintertime California and China particulate matter in healthy young mice. <i>Toxicology Letters</i> , 2017, 278, 1-8.	0.4	35
1914	SIRT1, a sirtuin 1 activator, attenuates organ injury and inflammation in sepsis. <i>Journal of Surgical Research</i> , 2017, 219, 288-295.	0.8	25
1915	Metabolomics analysis reveals that benzo[a]pyrene, a component of PM <sub>2.5</sub> , promotes pulmonary injury by modifying lipid metabolism in a phospholipase A <sub>2</sub> -dependent manner in vivo and in vitro. <i>Redox Biology</i> , 2017, 13, 459-469.	3.9	77
1916	Zinc oxide nanoparticles harness autophagy to induce cell death in lung epithelial cells. <i>Cell Death and Disease</i> , 2017, 8, e2954-e2954.	2.7	130
1917	IL-10 regulates the survival of human but not mouse neutrophils. <i>Scientific Reports</i> , 2017, 7, 1296.	1.6	38
1918	Efficacy of direct hemoperfusion with a polymyxin B-immobilized fiber column in miliary tuberculosis. <i>Acute Medicine &amp; Surgery</i> , 2017, 4, 311-315.	0.5	0
1919	Genistein Protects Genioglossus Myoblast Against Hypoxia-induced Injury through PI3K-Akt and ERK MAPK Pathways. <i>Scientific Reports</i> , 2017, 7, 5085.	1.6	21
1920	A microengineered model of RBC transfusion-induced pulmonary vascular injury. <i>Scientific Reports</i> , 2017, 7, 3413.	1.6	18

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1922	Why do we fail to deliver evidence-based practice in critical care medicine?. <i>Current Opinion in Critical Care</i> , 2017, 23, 400-405.	1.6	23
1923	Opening the Regulatory T Cell Toolbox. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 137-138.	1.4	2
1924	Summary for Clinicians: Mechanical Ventilation in Adult Patients with Acute Respiratory Distress Syndrome Clinical Practice Guideline. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1235-1238.	1.5	18
1925	Cell membrane-derived nanoparticles: emerging clinical opportunities for targeted drug delivery. <i>Nanomedicine</i> , 2017, 12, 2007-2019.	1.7	62
1926	Timing of valproic acid in acute lung injury: prevention is the best therapy?. <i>Journal of Surgical Research</i> , 2017, 220, 206-212.	0.8	12
1927	Serum levels of interleukin-6 may predict organ dysfunction earlier than <scp>SOFA</scp> score. <i>Acute Medicine &amp; Surgery</i> , 2017, 4, 255-261.	0.5	17
1928	Epidemiological analysis of 9,596 patients with acute lung injury at Chinese Military Hospitals. <i>Experimental and Therapeutic Medicine</i> , 2017, 13, 983-988.	0.8	6
1929	Temporary abdominal closure for trauma and intra-abdominal sepsis. <i>Journal of Trauma and Acute Care Surgery</i> , 2017, 82, 345-350.	1.1	27
1930	Understanding patient outcomes after acute respiratory distress syndrome: identifying subtypes of physical, cognitive and mental health outcomes. <i>Thorax</i> , 2017, 72, 1094-1103.	2.7	55
1931	Alternative pre-mRNA splicing of Toll-like receptor signaling components in peripheral blood mononuclear cells from patients with ARDS. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L930-L939.	1.3	13
1932	Open Tracheostomy Gastric Acid Aspiration Murine Model of Acute Lung Injury Results in Maximal Acute Nonlethal Lung Injury. <i>Journal of Visualized Experiments</i> , 2017, , .	0.2	8
1933	MicroRNA-98 negatively regulates myocardial infarction-induced apoptosis by down-regulating Fas and caspase-3. <i>Scientific Reports</i> , 2017, 7, 7460.	1.6	50
1934	Bronchoalveolar Lavage Fluid Protein Expression in Acute Respiratory Distress Syndrome Provides Insights into Pathways Activated in Subjects with Different Outcomes. <i>Scientific Reports</i> , 2017, 7, 7464.	1.6	20
1935	Aerosolized prostacyclins for acute respiratory distress syndrome (ARDS). <i>The Cochrane Library</i> , 2018, 2018, CD007733.	1.5	19
1936	Selective Activation of Basal Forebrain Cholinergic Neurons Attenuates Polymicrobial Sepsis-Induced Inflammation via the Cholinergic Anti-Inflammatory Pathway. <i>Critical Care Medicine</i> , 2017, 45, e1075-e1082.	0.4	25
1937	Total tanshinones exhibits anti-inflammatory effects through blocking TLR4 dimerization via the MyD88 pathway. <i>Cell Death and Disease</i> , 2017, 8, e3004-e3004.	2.7	59
1938	A Critical Care Clinician Survey Comparing Attitudes and Perceived Barriers to Low Tidal Volume Ventilation with Actual Practice. <i>Annals of the American Thoracic Society</i> , 2017, 14, 1682-1689.	1.5	38

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1940	A ratiometric fluorescent probe for imaging and quantifying anti-apoptotic effects of GSH under temperature stress. <i>Chemical Science</i> , 2017, 8, 6991-7002.	3.7	109
1941	Endotoxemia shifts neutrophils with TIMP-free gelatinase B/MMP-9 from bone marrow to the periphery and induces systematic upregulation of TIMP-1. <i>Haematologica</i> , 2017, 102, 1671-1682.	1.7	13
1942	Resolvin D1 Improves the Resolution of Inflammation via Activating NF- $\kappa$ B p50/p50 $\alpha$ -Mediated Cyclooxygenase-2 Expression in Acute Respiratory Distress Syndrome. <i>Journal of Immunology</i> , 2017, 199, 2043-2054.	0.4	32
1943	Rap1B promotes VEGF-induced endothelial permeability and is required for dynamic regulation of endothelial barrier. <i>Journal of Cell Science</i> , 2018, 131, .	1.2	42
1944	ITRAQ-Based Proteomics Analysis of Acute Lung Injury Induced by Oleic Acid in Mice. <i>Cellular Physiology and Biochemistry</i> , 2017, 44, 1949-1964.	1.1	17
1945	Radiation Mitigating Properties of Intranasally Administered KL <sub>4</sub> Surfactant in a Murine Model of Radiation-Induced Lung Damage. <i>Radiation Research</i> , 2017, 188, 571-584.	0.7	12
1946	Glucose homeostasis in two degrees of sepsis lethality induced by caecum ligation and puncture in mice. <i>International Journal of Experimental Pathology</i> , 2017, 98, 329-340.	0.6	13
1947	When Enough Is Enough: Decision Criteria for Moving a Known Drug into Clinical Testing for a New Indication in the Absence of Preclinical Efficacy Data. <i>Assay and Drug Development Technologies</i> , 2017, 15, 354-361.	0.6	4
1948	Site-specific and endothelial-mediated dysfunction of the alveolar-capillary barrier in response to lipopolysaccharides. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 982-998.	1.6	29
1949	Risk stratification using SpO <sub>2</sub> /FiO <sub>2</sub> and PEEP at initial ARDS diagnosis and after 24h in patients with moderate or severe ARDS. <i>Annals of Intensive Care</i> , 2017, 7, 108.	2.2	28
1950	Ly6G+ neutrophil-derived miR-223 inhibits the NLRP3 inflammasome in mitochondrial DAMP-induced acute lung injury. <i>Cell Death and Disease</i> , 2017, 8, e3170-e3170.	2.7	80
1951	In Vitro and In Vivo Tumor Growth Inhibition by Glutathione Disulfide Liposomes. <i>Cancer Growth and Metastasis</i> , 2017, 10, 117906441769607.	3.5	12
1952	Electroacupuncture improves acute bowel injury recovery in rat models. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 4655-4662.	0.8	4
1953	Clinical characteristics and prognosis of drug-associated acute respiratory distress syndrome compared with non-drug-associated acute respiratory distress syndrome: a single-centre retrospective study in Japan. <i>BMJ Open</i> , 2017, 7, e015330.	0.8	12
1954	Exacerbation of Ventilation-Induced Lung Injury and Inflammation in Preterm Lambs by High-Dose Nanoparticles. <i>Scientific Reports</i> , 2017, 7, 14704.	1.6	5
1955	Development and Validation of a Multi-Algorithm Analytic Platform to Detect Off-Target Mechanical Ventilation. <i>Scientific Reports</i> , 2017, 7, 14980.	1.6	23
1956	Newborn susceptibility to infection vs. disease depends on complex in vivo interactions of host and pathogen. <i>Seminars in Immunopathology</i> , 2017, 39, 615-625.	2.8	37

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1958	Lower airways inflammation in patients with ARDS measured using endotracheal aspirates: a pilot study. <i>BMJ Open Respiratory Research</i> , 2017, 4, e000222.	1.2	5
1959	Chronic vitamin D deficiency induces lung fibrosis through activation of the renin-angiotensin system. <i>Scientific Reports</i> , 2017, 7, 3312.	1.6	83
1960	DC-SIGN and Toll-like receptor 4 mediate oxidized low-density lipoprotein-induced inflammatory responses in macrophages. <i>Scientific Reports</i> , 2017, 7, 3296.	1.6	16
1961	The Use of Statins and Risk of Community-Acquired Pneumonia. <i>Current Infectious Disease Reports</i> , 2017, 19, 26.	1.3	8
1962	Roflumilast reverses polymicrobial sepsis-induced liver damage by inhibiting inflammation in mice. <i>Laboratory Investigation</i> , 2017, 97, 1008-1019.	1.7	27
1963	Tidal changes on CT and progression of ARDS. <i>Thorax</i> , 2017, 72, 981-989.	2.7	39
1964	Pulmonary involvement in adult Still's disease: Case report and brief review of literature. <i>Respiratory Medicine Case Reports</i> , 2017, 22, 91-94.	0.2	6
1965	Endothelial cell SHP-2 negatively regulates neutrophil adhesion and promotes transmigration by enhancing ICAM-1-VE-cadherin interaction. <i>FASEB Journal</i> , 2017, 31, 4759-4769.	0.2	14
1966	RKTG overexpression inhibits proliferation and induces apoptosis of human leukemia cells via suppression of the ERK and PI3K/AKT signaling pathways. <i>Oncology Letters</i> , 2017, 14, 965-970.	0.8	7
1967	miRNA-200c-3p is crucial in acute respiratory distress syndrome. <i>Cell Discovery</i> , 2017, 3, 17021.	3.1	95
1968	Effect of 2-methoxyestradiol on SK-LMS-1 uterine leiomyosarcoma cells. <i>Oncology Letters</i> , 2017, 14, 103-110.	0.8	8
1969	Post-treatment with Ma-Huang-Tang ameliorates cold-warm-cycles induced rat lung injury. <i>Scientific Reports</i> , 2017, 7, 312.	1.6	7
1970	Pathway-related modules involved in the application of sevoflurane or propofol in off-pump coronary artery bypass graft surgery. <i>Experimental and Therapeutic Medicine</i> , 2017, 14, 97-106.	0.8	6
1971	Lung Epithelial Cell-Derived Microvesicles Regulate Macrophage Migration via MicroRNA-17/221-Induced Integrin $\beta$ 1 Recycling. <i>Journal of Immunology</i> , 2017, 199, 1453-1464.	0.4	79
1973	Clonidine restores vascular endothelial growth factor expression and improves tissue repair following severe trauma. <i>American Journal of Surgery</i> , 2017, 214, 610-615.	0.9	4
1974	Restoration of Megalin-Mediated Clearance of Alveolar Protein as a Novel Therapeutic Approach for Acute Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 57, 589-602.	1.4	14
1976	The novel $\beta$ -glucan YCP improves the survival rates and symptoms in septic mice by regulating myeloid-derived suppressor cells. <i>Acta Pharmacologica Sinica</i> , 2017, 38, 1269-1281.	2.8	14

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1978	Novel Therapies for Acute Kidney Injury. <i>Kidney International Reports</i> , 2017, 2, 785-799.	0.4	47
1979	Optimal plateau pressure for patients with acute respiratory distress syndrome: a protocol for a systematic review and meta-analysis with meta-regression. <i>BMJ Open</i> , 2017, 7, e015091.	0.8	11
1980	Simvastatin-induced sphingosine 1-phosphate receptor 1 expression is KLF2-dependent in human lung endothelial cells. <i>Pulmonary Circulation</i> , 2017, 7, 117-125.	0.8	13
1981	Interleukin-6 displays lung anti-inflammatory properties and exerts protective hemodynamic effects in a double-hit murine acute lung injury. <i>Respiratory Research</i> , 2017, 18, 64.	1.4	56
1982	VEGF isoforms have differential effects on permeability of human pulmonary microvascular endothelial cells. <i>Respiratory Research</i> , 2017, 18, 116.	1.4	29
1983	Etiologies, diagnostic work-up and outcomes of acute respiratory distress syndrome with no common risk factor: a prospective multicenter study. <i>Annals of Intensive Care</i> , 2017, 7, 69.	2.2	41
1984	Phosgene-induced acute lung injury (ALI): differences from chlorine-induced ALI and attempts to translate toxicology to clinical medicine. <i>Clinical and Translational Medicine</i> , 2017, 6, 19.	1.7	36
1985	ECMO in major burn patients: feasibility and considerations when multiple modes of mechanical ventilation fail. <i>Burns and Trauma</i> , 2017, 5, 20.	2.3	17
1986	Sivelestat sodium and mortality in pneumonia patients requiring mechanical ventilation: propensity score analysis of a Japanese nationwide database. <i>Journal of Anesthesia</i> , 2017, 31, 405-412.	0.7	3
1987	Recombinant human plasma phospholipid transfer protein (PLTP) to prevent bacterial growth and to treat sepsis. <i>Scientific Reports</i> , 2017, 7, 3053.	1.6	26
1988	IGF1R deficiency attenuates acute inflammatory response in a bleomycin-induced lung injury mouse model. <i>Scientific Reports</i> , 2017, 7, 4290.	1.6	32
1989	Disrupting ceramide-CD300f interaction prevents septic peritonitis by stimulating neutrophil recruitment. <i>Scientific Reports</i> , 2017, 7, 4298.	1.6	23
1990	Mitochondrial quality control in alveolar epithelial cells damaged by <i>S. aureus</i> pneumonia in mice. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2017, 313, L699-L709.	1.3	36
1991	Cell therapy for lung disease. <i>European Respiratory Review</i> , 2017, 26, 170044.	3.0	69
1993	One-Year Experience With a Mobile Extracorporeal Life Support Service. <i>Annals of Thoracic Surgery</i> , 2017, 104, 1509-1515.	0.7	17
1994	The alpha-lipoic acid derivative DHLHZn: a new therapeutic agent for acute lung injury in vivo. <i>Inflammation Research</i> , 2017, 66, 803-811.	1.6	2
1995	Differential Expression of Estrogen Receptor Variants in Response to Inflammation Signals in Human Airway Smooth Muscle. <i>Journal of Cellular Physiology</i> , 2017, 232, 1754-1760.	2.0	26

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1997	Critically ill patients demonstrate large interpersonal variation in intestinal microbiota dysregulation: a pilot study. <i>Intensive Care Medicine</i> , 2017, 43, 59-68.	3.9	183
1998	Conservative fluid management or deresuscitation for patients with sepsis or acute respiratory distress syndrome following the resuscitation phase of critical illness: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2017, 43, 155-170.	3.9	305
1999	The Effect of Positive End-Expiratory Pressure on Intracranial Pressure and Cerebral Hemodynamics. <i>Neurocritical Care</i> , 2017, 26, 174-181.	1.2	84
2000	Experimental Lung Injury Reduces KrÃ¼ppel-like Factor 2 to Increase Endothelial Permeability via Regulation of RAPGEF3â€“Rac1 Signaling. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 639-651.	2.5	54
2001	Frontline Science: D1 dopaminergic receptor signaling activates the AMPK-bioenergetic pathway in macrophages and alveolar epithelial cells and reduces endotoxin-induced ALI. <i>Journal of Leukocyte Biology</i> , 2017, 101, 357-365.	1.5	47
2002	Neuronal protection against oxidative insult by polyanhydride nanoparticle-based mitochondria-targeted antioxidant therapy. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2017, 13, 809-820.	1.7	80
2003	Prediction of inspired oxygen fraction for targeted arterial oxygen tension following open heart surgery in non-smoking and smoking patients. <i>Journal of Clinical Monitoring and Computing</i> , 2017, 31, 999-1008.	0.7	2
2004	Design and Rationale of the Reevaluation of Systemic Early Neuromuscular Blockade Trial for Acute Respiratory Distress Syndrome. <i>Annals of the American Thoracic Society</i> , 2017, 14, 124-133.	1.5	54
2005	Body mass index and echocardiography in refractory ARDS treated with veno-venous extracorporeal membrane oxygenation. <i>Journal of Artificial Organs</i> , 2017, 20, 50-56.	0.4	23
2006	Myeloperoxidase Attenuates Pathogen Clearance during <i>Plasmodium yoelii</i> Nonlethal Infection. <i>Infection and Immunity</i> , 2017, 85, .	1.0	13
2008	Mechanical Stress and Single Nucleotide Variants Regulate Alternative Splicing of the <i>MYLK</i> Gene. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2017, 56, 29-37.	1.4	21
2009	Mortality prediction to hospitalized patients with influenza pneumonia: PO <sub>2</sub> /FiO <sub>2</sub> combined lymphocyte count is the answer. <i>Clinical Respiratory Journal</i> , 2017, 11, 352-360.	0.6	60
2010	Acute Respiratory Distress Syndrome Subphenotypes Respond Differently to Randomized Fluid Management Strategy. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017, 195, 331-338.	2.5	557
2011	Epigenetic contribution of the myosin light chain kinase gene to the risk for acute respiratory distress syndrome. <i>Translational Research</i> , 2017, 180, 12-21.	2.2	26
2012	Hepatocyte growth factor-modified mesenchymal stem cells improve ischemia/reperfusion-induced acute lung injury in rats. <i>Gene Therapy</i> , 2017, 24, 3-11.	2.3	40
2013	Early induction of direct hemoperfusion with a polymyxin-B immobilized column is associated with amelioration of hemodynamic derangement and mortality in patients with septic shock. <i>Journal of Artificial Organs</i> , 2017, 20, 71-75.	0.4	14
2014	Leukocyte-borne Î±(1,3)-fucose is a negative regulator of Î²2-integrin-dependent recruitment in lung inflammation. <i>Journal of Leukocyte Biology</i> , 2017, 101, 459-470.	1.5	12

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2016	NK cells regulate CXCR2+ neutrophil recruitment during acute lung injury. Journal of Leukocyte Biology, 2017, 101, 471-480.	1.5	24
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2018	Clinical Predictors of Hospital Mortality Differ Between Direct and Indirect ARDS. Chest, 2017, 151, 755-763.	0.4	100
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2020	Cross-talk between clinical and host response parameters of periodontitis in smokers. Journal of Periodontal Research, 2017, 52, 342-352.	1.4	12
2021	Postinjury Inflammation and Organ Dysfunction. Critical Care Clinics, 2017, 33, 167-191.	1.0	123
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2024	Protective effects of seabuckthorn pulp and seed oils against radiation-induced acute intestinal injury. Journal of Radiation Research, 2017, 58, 24-32.	0.8	28
2025	Effects of pumpless extracorporeal lung assist on hemodynamics, gas exchange and inflammatory cascade response during experimental lung injury. Experimental and Therapeutic Medicine, 2018, 15, 1950-1958.	0.8	0
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2027	Whole blood microRNA markers are associated with acute respiratory distress syndrome. Intensive Care Medicine Experimental, 2017, 5, 38.	0.9	44
2028	Unfractionated heparin protects the protein C system against lipopolysaccharide-induced damage in vivo and in vitro. Experimental and Therapeutic Medicine, 2017, 14, 5515-5522.	0.8	4
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2030	Fluid resuscitation and markers of glycocalyx degradation in severe sepsis. Open Medicine (Poland), 2017, 12, 409-416.	0.6	20
2031	The inhibitory effect of dinitrosyl iron complexes (NO donors) on myeloperoxidase activity. Doklady Biochemistry and Biophysics, 2017, 477, 389-393.	0.3	5
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2034	Effect of HA330 resin-directed hemoadsorption on a porcine acute respiratory distress syndrome model. <i>Annals of Intensive Care</i> , 2017, 7, 84.	2.2	22
2035	Let's Talk About Sepsis. <i>The Journal of Critical Care Medicine</i> , 2017, 3, 139-140.	0.3	0
2036	Genetic variants influencing elevated myeloperoxidase levels increase risk of stroke. <i>Brain</i> , 2017, 140, 2663-2672.	3.7	12
2037	Endotoxaemia-augmented murine venous thrombosis is dependent on TLR-4 and ICAM-1, and potentiated by neutropenia. <i>Thrombosis and Haemostasis</i> , 2017, 117, 339-348.	1.8	28
2038	Protective effect of hydrogen-saturated saline on acute lung injury induced by oleic acid in rats. <i>Journal of Orthopaedic Surgery and Research</i> , 2017, 12, 134.	0.9	4
2039	Effect of anti-podoplanin antibody administration during lipopolysaccharide-induced lung injury in mice. <i>BMJ Open Respiratory Research</i> , 2017, 4, e000257.	1.2	10
2040	Fatal Unusual Miliary Tuberculosis in which a Patient Developed Acute Respiratory Distress Syndrome Induced by Infliximab: An Autopsy Case Report. <i>Internal Medicine</i> , 2017, 56, 1079-1083.	0.3	3
2041	ARDS following oesophagectomy: a comparison of two trials. <i>BMJ Open Respiratory Research</i> , 2017, 4, e000207.	1.2	5
2042	Gastrodin protects against LPS-induced acute lung injury by activating Nrf2 signaling pathway. <i>Oncotarget</i> , 2017, 8, 32147-32156.	0.8	32
2043	Down-regulation of toll-like receptor 4 alleviates intestinal ischemia reperfusion injury and acute lung injury in mice. <i>Oncotarget</i> , 2017, 8, 13678-13689.	0.8	20
2044	Role of IL-17 in LPS-induced acute lung injury: an <i>in vivo</i> study. <i>Oncotarget</i> , 2017, 8, 93704-93711.	0.8	42
2045	Combination therapy of human umbilical cord mesenchymal stem cells and FTY720 attenuates acute lung injury induced by lipopolysaccharide in a murine model. <i>Oncotarget</i> , 2017, 8, 77407-77414.	0.8	20
2047	Recent insight into potential acute respiratory distress syndrome. <i>Journal of King Abdulaziz University, Islamic Economics</i> , 2017, 38, 344-349.	0.5	5
2048	Disseminated adenovirus infection causing severe ARDS. <i>BMJ Case Reports</i> , 2017, 2017, bcr2016217524.	0.2	6
2049	Characteristics and provision of care of patients with the acute respiratory distress syndrome: descriptive findings from the DACAPO cohort baseline and comparison with international findings. <i>Journal of Thoracic Disease</i> , 2017, 9, 818-830.	0.6	12
2050	WNT ligands contribute to the immune response during septic shock and amplify endotoxemia-driven inflammation in mice. <i>Blood Advances</i> , 2017, 1, 1274-1286.	2.5	43
2051	Geraniol alleviates LPS-induced acute lung injury in mice via inhibiting inflammation and apoptosis. <i>Oncotarget</i> , 2017, 8, 71038-71053.	0.8	56

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2053	Emodin Combined with Nanosilver Inhibited Sepsis by Anti-inflammatory Protection. <i>Frontiers in Pharmacology</i> , 2016, 7, 536.	1.6	23
2054	Investigation into the Role of PI3K and JAK3 Kinase Inhibitors in Murine Models of Asthma. <i>Frontiers in Pharmacology</i> , 2017, 8, 82.	1.6	10
2055	Protective Effects of Dioscin against Lipopolysaccharide-Induced Acute Lung Injury through Inhibition of Oxidative Stress and Inflammation. <i>Frontiers in Pharmacology</i> , 2017, 8, 120.	1.6	62
2056	Hydrogen Sulfide Inhibits High-Salt Diet-Induced Myocardial Oxidative Stress and Myocardial Hypertrophy in Dahl Rats. <i>Frontiers in Pharmacology</i> , 2017, 08, 128.	1.6	22
2057	Vasorelaxing Action of the Kynurenine Metabolite, Xanthurenic Acid: The Missing Link in Endotoxin-Induced Hypotension?. <i>Frontiers in Pharmacology</i> , 2017, 8, 214.	1.6	33
2058	Hydrostatin-SN1, a Sea Snake-Derived Bioactive Peptide, Reduces Inflammation in a Mouse Model of Acute Lung Injury. <i>Frontiers in Pharmacology</i> , 2017, 8, 246.	1.6	15
2059	Targeting DNA Repair through Podophyllotoxin and Rutin Formulation in Hematopoietic Radioprotection: An in Silico, in Vitro, and in Vivo Study. <i>Frontiers in Pharmacology</i> , 2017, 8, 750.	1.6	16
2060	Nuciferine Ameliorates Inflammatory Responses by Inhibiting the TLR4-Mediated Pathway in Lipopolysaccharide-Induced Acute Lung Injury. <i>Frontiers in Pharmacology</i> , 2017, 8, 939.	1.6	52
2061	Nitric Oxide Synthase Activity Correlates with OGG1 in Ozone-Induced Lung Injury Animal Models. <i>Frontiers in Physiology</i> , 2017, 8, 249.	1.3	8
2062	Variable Ventilation Improved Respiratory System Mechanics and Ameliorated Pulmonary Damage in a Rat Model of Lung Ischemia-Reperfusion. <i>Frontiers in Physiology</i> , 2017, 8, 257.	1.3	6
2063	Linking Ventilator Injury-Induced Leak across the Blood-Gas Barrier to Derangements in Murine Lung Function. <i>Frontiers in Physiology</i> , 2017, 8, 466.	1.3	31
2064	The Processes and Mechanisms of Cardiac and Pulmonary Fibrosis. <i>Frontiers in Physiology</i> , 2017, 8, 777.	1.3	162
2065	Pulmonary Iron Homeostasis in Hpcidin Knockout Mice. <i>Frontiers in Physiology</i> , 2017, 8, 804.	1.3	22
2066	Extracellular Vesicle MicroRNA Transfer in Lung Diseases. <i>Frontiers in Physiology</i> , 2017, 8, 1028.	1.3	77
2067	Blocking of the Ubiquitin-Proteasome System Prevents Inflammation-Induced Bone Loss by Accelerating M-CSF Receptor c-Fms Degradation in Osteoclast Differentiation. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2054.	1.8	17
2068	Sepsis and Septic Shock: Current Treatment Strategies and New Approaches. <i>Eurasian Journal of Medicine</i> , 2017, 49, 53-58.	0.2	129
2069	Cancer Nanomedicines Stabilized by $\pi$ - $\pi$ Stacking between Heterodimeric Prodrugs Enable Exceptionally High Drug Loading Capacity and Safer Delivery of Drug Combinations. <i>Theranostics</i> , 2017, 7, 3638-3652.	4.6	75

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2071	Transfusion of Red Blood Cells to Patients with Sepsis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1946.	1.8	13
2072	Evaluation of LPS-Induced Acute Lung Injury Attenuation in Rats by Aminothiazole-Paeonol Derivatives. <i>Molecules</i> , 2017, 22, 1605.	1.7	13
2073	The anesthetic agent sevoflurane attenuates pulmonary acute lung injury by modulating apoptotic pathways. <i>Brazilian Journal of Medical and Biological Research</i> , 2017, 50, e5747.	0.7	25
2074	MC-PPEA as a new and more potent inhibitor of CLP-induced sepsis and pulmonary inflammation than FK866. <i>Drug Design, Development and Therapy</i> , 2017, Volume11, 629-641.	2.0	11
2075	TIM4-TIM1 interaction modulates Th2 pattern inflammation through enhancing SIRT1 expression. <i>International Journal of Molecular Medicine</i> , 2017, 40, 1504-1510.	1.8	18
2076	Sustained-released mixture of vascular endothelial growth factor 165 and fibrin glue strengthens healing of ileal anastomoses in a rabbit model with intraperitoneal infection. <i>Annals of Surgical Treatment and Research</i> , 2017, 93, 159.	0.4	3
2077	The Protective Effect of Alpha 7 Nicotinic Acetylcholine Receptor Activation on Critical Illness and Its Mechanism. <i>International Journal of Biological Sciences</i> , 2017, 13, 46-56.	2.6	54
2078	Transplantation of Menstrual Blood-Derived Mesenchymal Stem Cells Promotes the Repair of LPS-Induced Acute Lung Injury. <i>International Journal of Molecular Sciences</i> , 2017, 18, 689.	1.8	103
2079	E-selectin-targeted Sialic Acid-PEG-dexamethasone Micelles for Enhanced Anti-Inflammatory Efficacy for Acute Kidney Injury. <i>Theranostics</i> , 2017, 7, 2204-2219.	4.6	55
2080	Acute respiratory distress syndrome in traumatic brain injury: how do we manage it?. <i>Journal of Thoracic Disease</i> , 2017, 9, 5368-5381.	0.6	70
2081	Leukocyte-mediated Delivery of Nanotherapeutics in Inflammatory and Tumor Sites. <i>Theranostics</i> , 2017, 7, 751-763.	4.6	111
2082	Ac2-26, an Annexin A1 Peptide, Attenuates Ischemia-Reperfusion-Induced Acute Lung Injury. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1771.	1.8	43
2083	Protective Effect of Argan and Olive Oils against LPS-Induced Oxidative Stress and Inflammation in Mice Livers. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2181.	1.8	45
2084	Platelets and Multi-Organ Failure in Sepsis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2200.	1.8	129
2085	Targeting Immune Cell Checkpoints during Sepsis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2413.	1.8	125
2086	Evidence of Oxidative Stress and Secondary Mitochondrial Dysfunction in Metabolic and Non-Metabolic Disorders. <i>Journal of Clinical Medicine</i> , 2017, 6, 71.	1.0	96
2087	Mertensene, a Halogenated Monoterpene, Induces G2/M Cell Cycle Arrest and Caspase Dependent Apoptosis of Human Colon Adenocarcinoma HT29 Cell Line through the Modulation of ERK-1/-2, AKT and NF- $\kappa$ B Signaling. <i>Marine Drugs</i> , 2017, 15, 221.	2.2	36

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2089	AS1041, a Novel Synthesized Derivative of Marine Natural Compound Aspergiolide A, Arrests Cell Cycle, Induces Apoptosis, and Inhibits ERK Activation in K562 Cells. <i>Marine Drugs</i> , 2017, 15, 346.	2.2	9
2090	Markers of Microbial Translocation and Immune Activation Predict Cognitive Processing Speed in Heavy-Drinking Men Living with HIV. <i>Microorganisms</i> , 2017, 5, 64.	1.6	14
2091	Kaempferol and Chrysin Synergies to Improve Septic Mice Survival. <i>Molecules</i> , 2017, 22, 92.	1.7	17
2092	Na/K Pump and Beyond: Na/K-ATPase as a Modulator of Apoptosis and Autophagy. <i>Molecules</i> , 2017, 22, 578.	1.7	62
2093	Bioactive Components from Qingwen Baidu Decoction against LPS-Induced Acute Lung Injury in Rats. <i>Molecules</i> , 2017, 22, 692.	1.7	15
2094	Melatonin Improves the Quality of Inferior Bovine Oocytes and Promoted Their Subsequent IVF Embryo Development: Mechanisms and Results. <i>Molecules</i> , 2017, 22, 2059.	1.7	47
2095	Lychee Seed Saponins Improve Cognitive Function and Prevent Neuronal Injury via Inhibiting Neuronal Apoptosis in a Rat Model of Alzheimer's Disease. <i>Nutrients</i> , 2017, 9, 105.	1.7	46
2096	Intravenous Arginine Administration Promotes Proangiogenic Cells Mobilization and Attenuates Lung Injury in Mice with Polymicrobial Sepsis. <i>Nutrients</i> , 2017, 9, 507.	1.7	27
2097	Antioxidant Properties of Probiotic Bacteria. <i>Nutrients</i> , 2017, 9, 521.	1.7	547
2098	Mitochondrial Dysfunction and Immune Cell Metabolism in Sepsis. <i>Infection and Chemotherapy</i> , 2017, 49, 10.	1.0	40
2099	Blockade of Neutrophil's Chemokine Receptors CXCR1/2 Abrogate Liver Damage in Acute-on-Chronic Liver Failure. <i>Frontiers in Immunology</i> , 2017, 8, 464.	2.2	56
2100	Effects of Hypobaric Hypoxia on Rat Retina and Protective Response of Resveratrol to the Stress. <i>International Journal of Medical Sciences</i> , 2017, 14, 943-950.	1.1	15
2101	Pulmonary Extracellular Vesicles as Mediators of Local and Systemic Inflammation. <i>Frontiers in Cell and Developmental Biology</i> , 2017, 5, 39.	1.8	61
2102	Current Concepts of ARDS: A Narrative Review. <i>International Journal of Molecular Sciences</i> , 2017, 18, 64.	1.8	105
2103	Increased Dicarbonyl Stress as a Novel Mechanism of Multi-Organ Failure in Critical Illness. <i>International Journal of Molecular Sciences</i> , 2017, 18, 346.	1.8	9
2104	Pneumonia, Acute Respiratory Distress Syndrome, and Early Immune-Modulator Therapy. <i>International Journal of Molecular Sciences</i> , 2017, 18, 388.	1.8	106
2105	Natural Killer Cell Assessment in Peripheral Circulation and Bronchoalveolar Lavage Fluid of Patients with Severe Sepsis: A Case Control Study. <i>International Journal of Molecular Sciences</i> , 2017, 18, 616.	1.8	4

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2107	The Glyoxalase System and Methylglyoxal-Derived Carbonyl Stress in Sepsis: Glycotoxic Aspects of Sepsis Pathophysiology. <i>International Journal of Molecular Sciences</i> , 2017, 18, 657.	1.8	25
2108	Hypoxia Inducible Factor-2 Alpha and Prolinhydroxylase 2 Polymorphisms in Patients with Acute Respiratory Distress Syndrome (ARDS). <i>International Journal of Molecular Sciences</i> , 2017, 18, 1266.	1.8	10
2109	Age-Related Changes in Immunological and Physiological Responses Following Pulmonary Challenge. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1294.	1.8	22
2110	Hypoxemic Respiratory Failure from Acute Respiratory Distress Syndrome Secondary to Leptospirosis. <i>Case Reports in Critical Care</i> , 2017, 2017, 1-4.	0.2	3
2111	Ectodomain Shedding by ADAM17: Its Role in Neutrophil Recruitment and the Impairment of This Process during Sepsis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 138.	1.8	46
2112	With Friends Like These: The Complex Role of Neutrophils in the Progression of Severe Pneumonia. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 160.	1.8	82
2113	<i>Staphylococcus aureus</i> Manipulates Innate Immunity through Own and Host-Expressed Proteases. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 166.	1.8	102
2114	Biofilm-Induced Type 2 Innate Immunity in a Cystic Fibrosis Model of <i>Pseudomonas aeruginosa</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 274.	1.8	19
2115	Increased Neutrophil Secretion Induced by NLRP3 Mutation Links the Inflammasome to Azurophilic Granule Exocytosis. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 507.	1.8	24
2116	Diabetes and Sepsis: Risk, Recurrence, and Ruination. <i>Frontiers in Endocrinology</i> , 2017, 8, 271.	1.5	62
2117	Circulating microRNAs as Potential Biomarkers of Infectious Disease. <i>Frontiers in Immunology</i> , 2017, 8, 118.	2.2	189
2118	Inhibition of TNF Receptor p55 By a Domain Antibody Attenuates the Initial Phase of Acid-Induced Lung Injury in Mice. <i>Frontiers in Immunology</i> , 2017, 8, 128.	2.2	19
2119	The Impact of the Interferon/TNF-Related Apoptosis-Inducing Ligand Signaling Axis on Disease Progression in Respiratory Viral Infection and Beyond. <i>Frontiers in Immunology</i> , 2017, 8, 313.	2.2	50
2120	Alveolar Fluid Clearance in Pathologically Relevant Conditions: In Vitro and In Vivo Models of Acute Respiratory Distress Syndrome. <i>Frontiers in Immunology</i> , 2017, 8, 371.	2.2	55
2121	Inflammatory Responses Regulating Alveolar Ion Transport during Pulmonary Infections. <i>Frontiers in Immunology</i> , 2017, 8, 446.	2.2	46
2122	The Role of Transient Receptor Potential Vanilloid 4 in Pulmonary Inflammatory Diseases. <i>Frontiers in Immunology</i> , 2017, 8, 503.	2.2	34
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2125	Guanabenz Prevents d-Galactosamine/Lipopolysaccharide-Induced Liver Damage and Mortality. <i>Frontiers in Immunology</i> , 2017, 8, 679.	2.2	15
2126	Gas Exchange Disturbances Regulate Alveolar Fluid Clearance during Acute Lung Injury. <i>Frontiers in Immunology</i> , 2017, 8, 757.	2.2	36
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2132	Goats without Prion Protein Display Enhanced Proinflammatory Pulmonary Signaling and Extracellular Matrix Remodeling upon Systemic Lipopolysaccharide Challenge. <i>Frontiers in Immunology</i> , 2017, 8, 1722.	2.2	7
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2137	Sirt1 Protects Endothelial Cells against LPS-Induced Barrier Dysfunction. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-14.	1.9	39
2138	Inhibition of Murine Pulmonary Microvascular Endothelial Cell Apoptosis Promotes Recovery of Barrier Function under Septic Conditions. <i>Mediators of Inflammation</i> , 2017, 2017, 1-15.	1.4	18
2139	Transient Receptor Potential Melastatin 2 Negatively Regulates LPS-ATP-Induced Caspase-1-Dependent Pyroptosis of Bone Marrow-Derived Macrophage by Modulating ROS Production. <i>BioMed Research International</i> , 2017, 2017, 1-8.	0.9	10
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2141	The Value of Caspase-3 after the Application of <i>Annona muricata</i> Leaf Extract in COLO-205 Colorectal Cancer Cell Line. <i>Gastroenterology Research and Practice</i> , 2017, 2017, 1-5.	0.7	19

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2143	Role of Vascular Endothelial Cells in Disseminated Intravascular Coagulation Induced by Seawater Immersion in a Rat Trauma Model. <i>BioMed Research International</i> , 2017, 2017, 1-10.	0.9	3
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2145	Pneumomediastinum and Bilateral Pneumothoraces Causing Respiratory Failure after Thyroid Surgery. <i>Case Reports in Anesthesiology</i> , 2017, 2017, 1-5.	0.2	1
2146	Maresin 1 Ameliorates Lung Ischemia/Reperfusion Injury by Suppressing Oxidative Stress via Activation of the Nrf-2-Mediated HO-1 Signaling Pathway. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	1.9	66
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2148	Dendritic Cells in Sepsis: Pathological Alterations and Therapeutic Implications. <i>Journal of Immunology Research</i> , 2017, 2017, 1-9.	0.9	29
2149	Prdx6 Upregulation by Curcumin Attenuates Ischemic Oxidative Damage via SP1 in Rats after Stroke. <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	29
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2151	Glucose-Insulin-Potassium Alleviates Intestinal Mucosal Barrier Injuries Involving Decreased Expression of Uncoupling Protein 2 and NLR Family-Pyrin Domain-Containing 3 Inflammasome in Polymicrobial Sepsis. <i>BioMed Research International</i> , 2017, 2017, 1-9.	0.9	3
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2162	Biomarkers for the acute respiratory distress syndrome: how to make the diagnosis more precise. Annals of Translational Medicine, 2017, 5, 283-283.	0.7	89
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2165	Physiological, Biochemical, and Biophysical Characterization of the Lung-Lavaged Spontaneously-Breathing Rabbit as a Model for Respiratory Distress Syndrome. PLoS ONE, 2017, 12, e0169190.	1.1	23
2166	Club cell protein 16 and cytokeratin fragment 21-1 as early predictors of pulmonary complications in polytraumatized patients with severe chest trauma. PLoS ONE, 2017, 12, e0175303.	1.1	20
2167	Persistent low serum zinc is associated with recurrent sepsis in critically ill patients - A pilot study. PLoS ONE, 2017, 12, e0176069.	1.1	51
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2169	Frequency of respiratory virus infections and next-generation analysis of influenza A/H1N1pdm09 dynamics in the lower respiratory tract of patients admitted to the ICU. PLoS ONE, 2017, 12, e0178926.	1.1	13
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2172	Survival predictor in patients with acute respiratory distress syndrome and diffuse alveolar damage undergoing open lung biopsy. PLoS ONE, 2017, 12, e0180018.	1.1	8
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2174	R1R2 peptide ameliorates pulmonary fibrosis in mice through fibrocyte migration and differentiation. PLoS ONE, 2017, 12, e0185811.	1.1	18
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2176	Sepsis-induced selective loss of NMDA receptors modulates hippocampal neuropathology in surviving septic mice. PLoS ONE, 2017, 12, e0188273.	1.1	36
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2179	Metabolomics based predictive biomarker model of ARDS: A systemic measure of clinical hypoxemia. <i>PLoS ONE</i> , 2017, 12, e0187545.	1.1	32
2180	The clinical and immunological performance of 28 days survival model of cecal ligation and puncture in humanized mice. <i>PLoS ONE</i> , 2017, 12, e0180377.	1.1	16
2181	Expression of Toll-like receptors (TLRs) in the lungs of an experimental sepsis mouse model. <i>PLoS ONE</i> , 2017, 12, e0188050.	1.1	14
2182	Spectrum of pathogen- and model-specific histopathologies in mouse models of acute pneumonia. <i>PLoS ONE</i> , 2017, 12, e0188251.	1.1	64
2183	Comprehensive comparison of three different animal models for systemic inflammation. <i>Journal of Biomedical Science</i> , 2017, 24, 60.	2.6	166
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2185	Clinical significance and risk factors for new onset and recurring atrial fibrillation following cardiac surgery - a retrospective data analysis. <i>BMC Anesthesiology</i> , 2017, 17, 163.	0.7	22
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2190	The role of Src & ERK1/2 kinases in inspiratory resistive breathing induced acute lung injury and inflammation. <i>Respiratory Research</i> , 2017, 18, 209.	1.4	12
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2206	Possible therapeutic effect of orally administered ribavirin for respiratory syncytial virus-induced acute respiratory distress syndrome in an immunocompetent patient: a case report. <i>Journal of Medical Case Reports</i> , 2017, 11, 353.	0.4	1
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2208	Mesenchymal stem cells decrease lung inflammation during sepsis, acting through inhibition of the MAPK pathway. <i>Stem Cell Research and Therapy</i> , 2017, 8, 289.	2.4	41
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2210	Efficacy and safety of argatroban in patients with acute respiratory distress syndrome and extracorporeal lung support. <i>Annals of Intensive Care</i> , 2017, 7, 82.	2.2	47
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2216	Myeloperoxidase can differentiate between sepsis and non-infectious SIRS and predicts mortality in intensive care patients with SIRS. <i>Intensive Care Medicine Experimental</i> , 2017, 5, 43.	0.9	35
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2226	Severe Acute Respiratory Distress Syndrome after Laparoscopic Appendectomy in a Young Adult. <i>Cureus</i> , 2017, 9, e1664.	0.2	1
2227	Continuous blood purification treatment for endotoxin-induced acute respiratory distress syndrome. <i>Brazilian Journal of Medical and Biological Research</i> , 2017, 50, e5367.	0.7	1
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2230	Establishing the entity of neonatal acute respiratory distress syndrome. <i>Journal of Thoracic Disease</i> , 2017, 9, 4244-4247.	0.6	4
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2234	Oral Administration of Surface-Deacetylated Chitin Nanofibers and Chitosan Inhibit 5-Fluorouracil-Induced Intestinal Mucositis in Mice. <i>International Journal of Molecular Sciences</i> , 2017, 18, 279.	1.8	24
2235	HemoHIM, a herbal preparation, alleviates airway inflammation caused by cigarette smoke and lipopolysaccharide. <i>Laboratory Animal Research</i> , 2017, 33, 40.	1.1	14
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2239	&alpha;-bisabolol-loaded lipid-core nanocapsules reduce lipopolysaccharide-induced pulmonary inflammation in mice. <i>International Journal of Nanomedicine</i> , 2017, Volume 12, 4479-4491.	3.3	35
2240	Right heart function during acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2017, 5, 295-295.	0.7	38
2241	Recent Advances in Pediatric Ventilatory Assistance. <i>F1000Research</i> , 2017, 6, 290.	0.8	8
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2245	Cell therapy for the treatment of sepsis and acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2017, 5, 446-446.	0.7	30
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2253	Development of a Zebrafish Sepsis Model for High-Throughput Drug Discovery. <i>Molecular Medicine</i> , 2017, 23, 134-148.	1.9	51
2254	Clinical Significance and Prognostic Implications of Quantifying Pulmonary Contusion Volume in Patients with Blunt Chest Trauma. <i>Medical Science Monitor</i> , 2017, 23, 3641-3648.	0.5	24
2255	“Lung-protective” ventilation in acute respiratory distress syndrome: still a challenge?. <i>Journal of Thoracic Disease</i> , 2017, 9, 2238-2241.	0.6	6
2256	A new prediction score for critically ill patients—do we need an Apgar score for acute respiratory distress syndrome?. <i>Journal of Thoracic Disease</i> , 2017, 9, E142-E145.	0.6	0
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2263	Modifiable risk factors and the role of driving pressure in acute respiratory distress syndrome. <i>Journal of Thoracic Disease</i> , 2017, 9, E487-E488.	0.6	0
2264	Should the ART trial change our practice?. <i>Journal of Thoracic Disease</i> , 2017, 9, 4871-4877.	0.6	18
2265	Protective Effects of Cucurbitacin B on Acute Lung Injury Induced by Sepsis in Rats. <i>Medical Science Monitor</i> , 2017, 23, 1355-1362.	0.5	28
2266	Silencing of TGIF sensitizes MDA-MB-231 human breast cancer cells to cisplatin-induced apoptosis. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 2978-2984.	0.8	2
2267	Mycophenolate Mofetil Protects Septic Mice via the Dual Inhibition of Inflammatory Cytokines and PD-1. <i>Inflammation</i> , 2018, 41, 1008-1020.	1.7	6
2268	Curcumin induces apoptosis and inhibits proliferation in infantile hemangioma endothelial cells via downregulation of MCL-1 and HIF-1 $\beta$ . <i>Medicine (United States)</i> , 2018, 97, e9562.	0.4	18

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2269	Lycium barbarum polysaccharide protects against LPS-induced ARDS by inhibiting apoptosis, oxidative stress, and inflammation in pulmonary endothelial cells. <i>Free Radical Research</i> , 2018, 52, 480-490.	1.5	52
2270	Thymosin beta 4 regulation of actin in sepsis. <i>Expert Opinion on Biological Therapy</i> , 2018, 18, 193-197.	1.4	10
2271	Neutrophil extracellular trap-microparticle complexes enhance thrombin generation via the intrinsic pathway of coagulation in mice. <i>Scientific Reports</i> , 2018, 8, 4020.	1.6	88
2272	Group 2 innate lymphoid cells protect lung endothelial cells from pyroptosis in sepsis. <i>Cell Death and Disease</i> , 2018, 9, 369.	2.7	62
2273	A Conserved Distal Lung Regenerative Pathway in Acute Lung Injury. <i>American Journal of Pathology</i> , 2018, 188, 1149-1160.	1.9	29
2274	Lung Metabolism and Inflammation during Mechanical Ventilation; An Imaging Approach. <i>Scientific Reports</i> , 2018, 8, 3525.	1.6	12
2275	Developmental and degenerative cardiac defects in the Taiwanese mouse model of severe spinal muscular atrophy. <i>Journal of Anatomy</i> , 2018, 232, 965-978.	0.9	16
2276	Acute Respiratory Distress Syndrome: Bench-to-Bedside Approaches to Improve Drug Development. <i>Clinical Pharmacology and Therapeutics</i> , 2018, 104, 484-494.	2.3	21
2277	Open Lung Biopsy in Nonresolving Acute Respiratory Distress Syndrome Commonly Identifies Corticosteroid-Sensitive Pathologies, Associated With Better Outcome*. <i>Critical Care Medicine</i> , 2018, 46, 907-914.	0.4	21
2278	Euthanasia- and Lavage-mediated Effects on Bronchoalveolar Measures of Lung Injury and Inflammation. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 257-266.	1.4	32
2279	ADJunctive Ulinastatin in Sepsis Treatment in China (ADJUST study): study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 133.	0.7	11
2280	Effect of On-Demand vs Routine Nebulization of Acetylcysteine With Salbutamol on Ventilator-Free Days in Intensive Care Unit Patients Receiving Invasive Ventilation. <i>JAMA - Journal of the American Medical Association</i> , 2018, 319, 993.	3.8	22
2281	Burn injury mortality in patients with preexisting and new onset renal disease. <i>American Journal of Surgery</i> , 2018, 215, 1011-1015.	0.9	10
2282	Innate immune responses to trauma. <i>Nature Immunology</i> , 2018, 19, 327-341.	7.0	377
2283	Interleukin-33 contributes to ILC2 activation and early inflammation-associated lung injury during abdominal sepsis. <i>Immunology and Cell Biology</i> , 2018, 96, 935-947.	1.0	25
2284	The Association Between Acute Respiratory Distress Syndrome Hospital Case Volume and Mortality in a U.S. Cohort, 2002-2011*. <i>Critical Care Medicine</i> , 2018, 46, 764-773.	0.4	26
2285	C-reactive protein and risk of venous thromboembolism: results from a population-based case-crossover study. <i>Haematologica</i> , 2018, 103, 1245-1250.	1.7	27
2286	Effect of Continuous Digital Hypothermia on Lamellar Inflammatory Signaling When Applied at a Clinically-Relevant Timepoint in the Oligofructose Laminitis Model. <i>Journal of Veterinary Internal Medicine</i> , 2018, 32, 450-458.	0.6	33

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2287	Protective Effects of Isoliquiritigenin on LPS-Induced Acute Lung Injury by Activating PPAR- $\beta$ . <i>Inflammation</i> , 2018, 41, 1290-1296.	1.7	27
2288	Endogenous PGI <sub>2</sub> signaling through IP inhibits neutrophilic lung inflammation in LPS-induced acute lung injury mice model. <i>Prostaglandins and Other Lipid Mediators</i> , 2018, 136, 33-43.	1.0	11
2289	Hypothesis: Fever control, a niche for alpha-2 agonists in the setting of septic shock and severe acute respiratory distress syndrome?. <i>Temperature</i> , 2018, 5, 224-256.	1.7	11
2290	Health care utilization and the cost of posttraumatic acute respiratory distress syndrome care. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 148-154.	1.1	17
2291	IL-33 attenuates mortality by promoting IFN- $\beta$ production in sepsis. <i>Inflammation Research</i> , 2018, 67, 531-538.	1.6	11
2292	Long-term sequelae of acute respiratory distress syndrome caused by severe community-acquired pneumonia: Delirium-associated cognitive impairment and post-traumatic stress disorder. <i>Journal of International Medical Research</i> , 2018, 46, 2265-2283.	0.4	26
2293	$\beta$ -2A-adrenergic blockade attenuates septic cardiomyopathy by increasing cardiac norepinephrine concentration and inhibiting cardiac endothelial activation. <i>Scientific Reports</i> , 2018, 8, 5478.	1.6	17
2294	Synthesis and biological evaluation of alpha-bromoacryloylamido indolyl pyridinyl propenones as potent apoptotic inducers in human leukaemia cells. <i>Journal of Enzyme Inhibition and Medicinal Chemistry</i> , 2018, 33, 727-742.	2.5	10
2295	Diagnosis and management of sepsis. <i>Clinical Medicine</i> , 2018, 18, 146-149.	0.8	79
2296	Clinical applications of mesenchymal stem cells in chronic lung diseases (Review). <i>Biomedical Reports</i> , 2018, 8, 314-318.	0.9	18
2297	Resolved versus confirmed ARDS after 24h: insights from the LUNG SAFE study. <i>Intensive Care Medicine</i> , 2018, 44, 564-577.	3.9	48
2298	Loss of endothelial nitric oxide synthase exacerbates intestinal and lung injury in experimental necrotizing enterocolitis. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1208-1214.	0.8	19
2299	Effect of artemisinin on proliferation and apoptosis-related protein expression in vivo and in vitro. <i>Saudi Journal of Biological Sciences</i> , 2018, 25, 1488-1493.	1.8	17
2300	German-wide prospective DCAPO cohort of survivors of the acute respiratory distress syndrome (ARDS): a cohort profile. <i>BMJ Open</i> , 2018, 8, e019342.	0.8	15
2301	Assessment of clinical sepsis-associated biomarkers in a septic mouse model. <i>Journal of International Medical Research</i> , 2018, 46, 2410-2422.	0.4	54
2302	Traumatic Brain Injury-Induced Acute Lung Injury: Evidence for Activation and Inhibition of a Neural-Respiratory-Inflammasome Axis. <i>Journal of Neurotrauma</i> , 2018, 35, 2067-2076.	1.7	68
2303	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2016 (JSCG 2016). <i>Acute Medicine &amp; Surgery</i> , 2018, 5, 3-89.	0.5	61
2304	Receptor for advanced glycation end-products and ARDS prediction: a multicentre observational study. <i>Scientific Reports</i> , 2018, 8, 2603.	1.6	57

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2305	Inhalation Injury in the Burned Patient. <i>Annals of Plastic Surgery</i> , 2018, 80, S98-S105.	0.5	62
2306	Novel ethanocycloheptono [3,4,5-kl]benzo[a]xanthene induces apoptosis in BEL-7402 cells. <i>Molecular and Cellular Biochemistry</i> , 2018, 445, 145-156.	1.4	4
2307	CD27+TIM-1+ memory B cells promoted the development of Foxp3+ Tregs and were associated with better survival in acute respiratory distress syndrome. <i>Immunologic Research</i> , 2018, 66, 281-287.	1.3	15
2308	A ligand-specific blockade of the integrin Mac-1 selectively targets pathologic inflammation while maintaining protective host-defense. <i>Nature Communications</i> , 2018, 9, 525.	5.8	72
2309	Drug-induced eosinophilic pneumonia. <i>Medicine (United States)</i> , 2018, 97, e9688.	0.4	78
2310	ARDS: challenges in patient care and frontiers in research. <i>European Respiratory Review</i> , 2018, 27, 170107.	3.0	34
2311	Vascular endothelial effects of collaborative binding to platelet/endothelial cell adhesion molecule-1 (PECAM-1). <i>Scientific Reports</i> , 2018, 8, 1510.	1.6	18
2312	Role of Quzhou Fructus Aurantii Extract in Preventing and Treating Acute Lung Injury and Inflammation. <i>Scientific Reports</i> , 2018, 8, 1698.	1.6	28
2313	Complement C5a Receptor 1 Exacerbates the Pathophysiology of <i>N.Âmeningitidis</i> Sepsis and Is a Potential Target for Disease Treatment. <i>MBio</i> , 2018, 9, .	1.8	30
2314	PAD4 Deficiency Leads to Decreased Organ Dysfunction and Improved Survival in a Dual Insult Model of Hemorrhagic Shock and Sepsis. <i>Journal of Immunology</i> , 2018, 200, 1817-1828.	0.4	78
2315	Mesenchymal Stromal Cell Therapy. <i>Critical Care Medicine</i> , 2018, 46, 343-345.	0.4	2
2316	The new frontiers of the targeted interventions in the pulmonary vasculature: precision and safety (2017 Grover Conference Series). <i>Pulmonary Circulation</i> , 2018, 8, 1-18.	0.8	12
2317	Antimicrobial activity of apple cider vinegar against <i>Escherichia coli</i> , <i>Staphylococcus aureus</i> and <i>Candida albicans</i> ; downregulating cytokine and microbial protein expression. <i>Scientific Reports</i> , 2018, 8, 1732.	1.6	69
2318	Wildâ€type p53 enhances endothelial barrier function by mediating <i>RAC</i> 1 signalling and RhoA inhibition. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1792-1804.	1.6	54
2319	Novel anti-tumour necrosis factor receptor-1 (TNFR1) domain antibody prevents pulmonary inflammation in experimental acute lung injury. <i>Thorax</i> , 2018, 73, 723-730.	2.7	64
2320	Effect of Atmospheric PM2.5 on Expression Levels of NF-ÎB Genes and Inflammatory Cytokines Regulated by NF-ÎB in Human Macrophage. <i>Inflammation</i> , 2018, 41, 784-794.	1.7	39
2321	Early immune anergy towards recall antigens and mitogens in patients at onset of septic shock. <i>Scientific Reports</i> , 2018, 8, 1754.	1.6	20
2322	X-Ray Dark-field Imaging to Depict Acute Lung Inflammation in Mice. <i>Scientific Reports</i> , 2018, 8, 2096.	1.6	25



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2323	A novel role for coinhibitory receptors/checkpoint proteins in the immunopathology of sepsis. <i>Journal of Leukocyte Biology</i> , 2018, 103, 1151-1164.	1.5	25
2324	Influence of Prehospital Function and Strength on Outcomes of Critically Ill Older Adults. <i>Journal of the American Geriatrics Society</i> , 2018, 66, 525-531.	1.3	13
2325	CIRP increases ICAM-1+ phenotype of neutrophils exhibiting elevated iNOS and NETs in sepsis. <i>Journal of Leukocyte Biology</i> , 2018, 103, 693-707.	1.5	76
2326	Frontline Science: Anti-PD-L1 protects against infection with common bacterial pathogens after burn injury. <i>Journal of Leukocyte Biology</i> , 2018, 103, 23-33.	1.5	56
2327	Featured Article: Immunomodulatory effect of hemozoin on pneumocyte apoptosis via <i>CARD9</i> pathway, a possibly retarding pulmonary resolution. <i>Experimental Biology and Medicine</i> , 2018, 243, 395-407.	1.1	16
2328	<i>HSPA12B</i> promotes functional recovery after ischaemic stroke through an <i>eNOS</i> -dependent mechanism. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 2252-2262.	1.6	7
2329	Protease activated-receptor 2 is necessary for neutrophil chemorepulsion induced by trypsin, trypsinase, or dipeptidyl peptidase IV. <i>Journal of Leukocyte Biology</i> , 2018, 103, 119-128.	1.5	13
2330	Genome-Wide Association Study in African Americans with Acute Respiratory Distress Syndrome Identifies the Selectin P Ligand Gene as a Risk Factor. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 1421-1432.	2.5	50
2331	Phospholipase D isoforms differentially regulate leukocyte responses to acute lung injury. <i>Journal of Leukocyte Biology</i> , 2018, 103, 919-932.	1.5	24
2332	Plantamajoside Inhibits Lipopolysaccharide-Induced MUC5AC Expression and Inflammation through Suppressing the PI3K/Akt and NF- $\kappa$ B Signaling Pathways in Human Airway Epithelial Cells. <i>Inflammation</i> , 2018, 41, 795-802.	1.7	23
2333	Multicohort Analysis of Whole-Blood Gene Expression Data Does Not Form a Robust Diagnostic for Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2018, 46, 244-251.	0.4	26
2334	External confirmation and exploration of the Kigali modification for diagnosing moderate or severe ARDS. <i>Intensive Care Medicine</i> , 2018, 44, 523-524.	3.9	42
2335	Impact of Renal Denervation on Atrial Arrhythmogenic Substrate in Ischemic Model of Heart Failure. <i>Journal of the American Heart Association</i> , 2018, 7, .	1.6	27
2336	IFN- $\gamma$ Improves Sepsis-related Alveolar Macrophage Dysfunction and Postseptic Acute Respiratory Distress Syndrome-related Mortality. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 45-55.	1.4	32
2337	Resolution of inflammation and sepsis survival are improved by dietary $\omega$ -3 fatty acids. <i>Cell Death and Differentiation</i> , 2018, 25, 421-431.	5.0	60
2338	Nephrogenic acute respiratory distress syndrome: A narrative review on pathophysiology and treatment. <i>Chinese Journal of Traumatology - English Edition</i> , 2018, 21, 4-10.	0.7	16
2339	Glucose-6-phosphate dehydrogenase inhibition attenuates acute lung injury through reduction in NADPH oxidase-derived reactive oxygen species. <i>Clinical and Experimental Immunology</i> , 2018, 191, 279-287.	1.1	36
2340	Injured lung endothelium: mechanisms of self-repair and agonist-assisted recovery (2017 Grover) <i>Tj ETQq1 1 0.784314 rgBT /Over</i>	0.8	10

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2341	Psychiatric symptoms after acute respiratory distress syndrome: a 5-year longitudinal study. <i>Intensive Care Medicine</i> , 2018, 44, 38-47.	3.9	148
2342	Pulmonary Endothelial Cell Apoptosis in Emphysema and Acute Lung Injury. <i>Advances in Anatomy, Embryology and Cell Biology</i> , 2018, 228, 63-86.	1.0	57
2343	Hemodynamic profile of pulmonary hypertension (PH) in ARDS. <i>Pulmonary Circulation</i> , 2018, 8, 204589321775341.	0.8	13
2344	Interobserver Reliability of the Berlin ARDS Definition and Strategies to Improve the Reliability of ARDS Diagnosis. <i>Chest</i> , 2018, 153, 361-367.	0.4	101
2345	Mesenchymal stem cell-derived extracellular vesicles attenuate pulmonary vascular permeability and lung injury induced by hemorrhagic shock and trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 245-256.	1.1	76
2346	Differential Regulation of Zfp30 Expression in Murine Airway Epithelia Through Altered Binding of ZFP148 to rs1434084. <i>G3: Genes, Genomes, Genetics</i> , 2018, 8, 687-693.	0.8	4
2347	Apolipoprotein M Protects Against Lipopolysaccharide-Induced Acute Lung Injury via Sphingosine-1-Phosphate Signaling. <i>Inflammation</i> , 2018, 41, 643-653.	1.7	18
2348	Oxygen Exposure Resulting in Arterial Oxygen Tensions Above the Protocol Goal Was Associated With Worse Clinical Outcomes in Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2018, 46, 517-524.	0.4	64
2349	Association Between Partial Pressure of Arterial Carbon Dioxide and Survival to Hospital Discharge Among Patients Diagnosed With Sepsis in the Emergency Department. <i>Critical Care Medicine</i> , 2018, 46, e213-e220.	0.4	15
2350	The Roles of P53 and Its Family Proteins, P63 and P73, in the DNA Damage Stress Response in Organogenesis-Stage Mouse Embryos. <i>Toxicological Sciences</i> , 2018, 162, 439-449.	1.4	9
2351	Treatment of Paraquat-Induced Lung Injury With an Anti-C5a Antibody: Potential Clinical Application*. <i>Critical Care Medicine</i> , 2018, 46, e419-e425.	0.4	21
2352	Risk Stratification Using Oxygenation in the First 24 Hours of Pediatric Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2018, 46, 619-624.	0.4	23
2353	Splice Wars: The Role of MLCK Isoforms in Ventilation-induced Lung Injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 549-550.	1.4	1
2354	Deletion of soluble epoxide hydrolase attenuates mice Hyperoxic acute lung injury. <i>BMC Anesthesiology</i> , 2018, 18, 48.	0.7	17
2355	Endothelial Cdc42 deficiency impairs endothelial regeneration and vascular repair after inflammatory vascular injury. <i>Respiratory Research</i> , 2018, 19, 27.	1.4	17
2356	Inhibition of peripheral macrophages by nicotinic acetylcholine receptor agonists suppresses spinal microglial activation and neuropathic pain in mice with peripheral nerve injury. <i>Journal of Neuroinflammation</i> , 2018, 15, 96.	3.1	45
2357	6% Hydroxyethyl starch (HES 130/0.4) diminishes glycocalyx degradation and decreases vascular permeability during systemic and pulmonary inflammation in mice. <i>Critical Care</i> , 2018, 22, 111.	2.5	43
2358	Neuromuscular blockade is associated with the attenuation of biomarkers of epithelial and endothelial injury in patients with moderate-to-severe acute respiratory distress syndrome. <i>Critical Care</i> , 2018, 22, 63.	2.5	28

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2359	The preventive effect of antiplatelet therapy in acute respiratory distress syndrome: a meta-analysis. <i>Critical Care</i> , 2018, 22, 60.	2.5	20
2360	Nucleated red blood cells as predictors of mortality in patients with acute respiratory distress syndrome (ARDS): an observational study. <i>Annals of Intensive Care</i> , 2018, 8, 42.	2.2	32
2361	The Japanese Clinical Practice Guidelines for Management of Sepsis and Septic Shock 2016 (J-SSCG 2016). <i>Journal of Intensive Care</i> , 2018, 6, 7.	1.3	74
2362	Interleukin-6 is a key factor for immunoglobulin-like transcript-4-mediated immune injury in sepsis. <i>Journal of Intensive Care</i> , 2018, 6, 22.	1.3	6
2363	Neutrophilâ€Based Drug Delivery Systems. <i>Advanced Materials</i> , 2018, 30, e1706245.	11.1	236
2364	Gamma-enolase predicts lung damage in severe acute pancreatitis-induced acute lung injury. <i>Journal of Molecular Histology</i> , 2018, 49, 347-356.	1.0	8
2365	Sanguinarine Attenuates Lipopolysaccharide-induced Inflammation and Apoptosis by Inhibiting the TLR4/NF- $\kappa$ B Pathway in H9c2 Cardiomyocytes. <i>Current Medical Science</i> , 2018, 38, 204-211.	0.7	39
2366	Ubiquitin-proteasome signaling in lung injury. <i>Translational Research</i> , 2018, 198, 29-39.	2.2	9
2367	Use of esophageal balloon pressure-volume curve analysis to determine esophageal wall elastance and calibrate raw esophageal pressure: a bench experiment and clinical study. <i>BMC Anesthesiology</i> , 2018, 18, 21.	0.7	10
2368	The curse of angiotensin-2 in ARDS: on stranger TI(E)des. <i>Critical Care</i> , 2018, 22, 44.	2.5	14
2369	Quality of inter-hospital transportation in 431 transport survivor patients suffering from acute respiratory distress syndrome referred to specialist centers. <i>Annals of Intensive Care</i> , 2018, 8, 5.	2.2	19
2370	Plasma microRNAs levels are different between pulmonary and extrapulmonary ARDS patients: a clinical observational study. <i>Annals of Intensive Care</i> , 2018, 8, 23.	2.2	16
2371	Intravenous immunoglobulin fails to improve ARDS in patients undergoing ECMO therapy. <i>Journal of Intensive Care</i> , 2018, 6, 11.	1.3	3
2372	Oxymatrine attenuates lipopolysaccharide-induced acute lung injury by activating the epithelial sodium channel and suppressing the JNK signaling pathway. <i>Experimental Animals</i> , 2018, 67, 337-347.	0.7	16
2373	Survival of Patients With Severe Acute Respiratory Distress Syndrome Treated Without Extracorporeal Membrane Oxygenation. <i>American Journal of Critical Care</i> , 2018, 27, 220-227.	0.8	4
2374	Coordination of Pharyngeal and Laryngeal Swallowing Events During Single Liquid Swallows After Oral Endotracheal Intubation for Patients with Acute Respiratory Distress Syndrome. <i>Dysphagia</i> , 2018, 33, 768-777.	1.0	34
2375	Inhibition of necroptosis attenuates lung injury and improves survival in neonatal sepsis. <i>Surgery</i> , 2018, 164, 110-116.	1.0	39
2376	Oncosis-inducing cyclometalated iridium( $\text{III}$ ) complexes. <i>Chemical Science</i> , 2018, 9, 5183-5190.	3.7	95

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2377	MEDI3902 Correlates of Protection against Severe Pseudomonas aeruginosa Pneumonia in a Rabbit Acute Pneumonia Model. Antimicrobial Agents and Chemotherapy, 2018, 62, .	1.4	33
2378	PRactice of VENTilation in Middle-Income Countries (PRoVENT-iMIC): rationale and protocol for a prospective international multicentre observational study in intensive care units in Asia. BMJ Open, 2018, 8, e020841.	0.8	14
2379	Injections of Lipopolysaccharide into Mice to Mimic Entrance of Microbial-derived Products After Intestinal Barrier Breach. Journal of Visualized Experiments, 2018, , .	0.2	19
2380	Electro-acupuncture attenuates inflammatory responses and intraabdominal pressure in septic patients. Medicine (United States), 2018, 97, e0555.	0.4	16
2381	Interplay of cell death signaling pathways mediated by alternating magnetic field gradient. Cell Death Discovery, 2018, 4, 49.	2.0	25
2382	Protective and Therapeutic Effects of Engeletin on LPS-Induced Acute Lung Injury. Inflammation, 2018, 41, 1259-1265.	1.7	19
2383	Acute respiratory failure requiring mechanical ventilation in severe chronic obstructive pulmonary disease (COPD). Medicine (United States), 2018, 97, e0487.	0.4	60
2384	High-dose steroid therapy for acute respiratory distress syndrome lacking common risk factors: predictors of outcome. Acute Medicine & Surgery, 2018, 5, 146-153.	0.5	4
2385	Death of the Endothelium in Sepsis: Understanding the Crime Scene. American Journal of Respiratory Cell and Molecular Biology, 2018, 59, 3-4.	1.4	17
2386	Use of neuromuscular blocking agents in acute respiratory distress syndrome. Baylor University Medical Center Proceedings, 2018, 31, 177-179.	0.2	3
2387	Extravascular lung water measurements in acute respiratory distress syndrome. Current Opinion in Critical Care, 2018, 24, 209-215.	1.6	44
2388	Changes in Oxidant Defense, Apoptosis, and Cognitive Abilities During Treatment for Childhood Leukemia. Biological Research for Nursing, 2018, 20, 393-402.	1.0	5
2389	Difficulties in modelling ARDS (2017 Grover Conference Series). Pulmonary Circulation, 2018, 8, 1-9.	0.8	11
2390	Tracking of transplanted human umbilical cord-derived mesenchymal stem cells labeled with fluorescent probe in a mouse model of acute lung injury. International Journal of Molecular Medicine, 2018, 41, 2527-2534.	1.8	19
2391	Nobiletin-Ameliorated Lipopolysaccharide-Induced Inflammation in Acute Lung Injury by Suppression of NF- $\kappa$ B Pathway In Vivo and Vitro. Inflammation, 2018, 41, 996-1007.	1.7	41
2392	Insulin alleviates mitochondrial oxidative stress involving upregulation of superoxide dismutase 2 and uncoupling protein 2 in septic acute kidney injury. Experimental and Therapeutic Medicine, 2018, 15, 3967-3975.	0.8	18
2393	To die or not to die: death signaling in nonalcoholic fatty liver disease. Journal of Gastroenterology, 2018, 53, 893-906.	2.3	63
2394	Clinical mimics: an emergency medicine focused review of pneumonia mimics. Internal and Emergency Medicine, 2018, 13, 539-547.	1.0	3

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2395	Endothelial biomarkers in human sepsis: pathogenesis and prognosis for ARDS. <i>Pulmonary Circulation</i> , 2018, 8, 1-12.	0.8	62
2396	Effects of isoimperatorin on proliferation and apoptosis of human gastric carcinoma cells. <i>Oncology Letters</i> , 2018, 15, 7993-7998.	0.8	12
2397	Activated Protein C has No Effect on Pulmonary Capillary Endothelial Function in Septic Patients with Acute Respiratory Distress Syndrome: Association of Endothelial Dysfunction with Mortality. <i>Infectious Diseases and Therapy</i> , 2018, 7, 15-25.	1.8	4
2398	Amicus or Adversary Revisited: Platelets in Acute Lung Injury and Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 59, 18-35.	1.4	50
2399	Antitumor activity of the <i>Ailanthus altissima</i> bark phytochemical ailanthone against breast cancer MCF-7 cells. <i>Oncology Letters</i> , 2018, 15, 6022-6028.	0.8	22
2400	Didymin prevents hyperglycemia-induced human umbilical endothelial cells dysfunction and death. <i>Biochemical Pharmacology</i> , 2018, 152, 1-10.	2.0	30
2401	Polygodial analog induces apoptosis in LNCaP prostate cancer cells. <i>European Journal of Pharmacology</i> , 2018, 828, 154-162.	1.7	13
2402	Comparison of patients with avian influenza A (H7N9) and influenza A (H1N1) complicated by acute respiratory distress syndrome. <i>Medicine (United States)</i> , 2018, 97, e0194.	0.4	34
2403	Unilateral pulmonary artery agenesis: An unusual cause of unilateral ARDS. <i>Respiratory Medicine Case Reports</i> , 2018, 23, 148-151.	0.2	3
2404	Protective Effect of Quercetin in LPS-Induced Murine Acute Lung Injury Mediated by cAMP-Epac Pathway. <i>Inflammation</i> , 2018, 41, 1093-1103.	1.7	35
2405	Targeting Intramembrane Protein-Protein Interactions: Novel Therapeutic Strategy of Millions Years Old. <i>Advances in Protein Chemistry and Structural Biology</i> , 2018, 111, 61-99.	1.0	3
2406	Effect of TLR4/MyD88 signaling pathway on sepsis-associated acute respiratory distress syndrome in rats, via regulation of macrophage activation and inflammatory response. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 3376-3384.	0.8	31
2407	Triptolide induces autophagy and apoptosis through ERK activation in human breast cancer MCF-7 cells. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 3413-3419.	0.8	21
2408	Neutrophil Chemotaxis in One Droplet of Blood Using Microfluidic Assays. <i>Methods in Molecular Biology</i> , 2018, 1749, 351-360.	0.4	8
2409	3-Methyladenine and dexmedetomidine reverse lipopolysaccharide-induced acute lung injury through the inhibition of inflammation and autophagy. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 3516-3522.	0.8	16
2410	Diagnosis of sepsis from a drop of blood by measurement of spontaneous neutrophil motility in a microfluidic assay. <i>Nature Biomedical Engineering</i> , 2018, 2, 207-214.	11.6	96
2411	Activation of M1 macrophages plays a critical role in the initiation of acute lung injury. <i>Bioscience Reports</i> , 2018, 38, .	1.1	71
2412	Diagnostic Potential of Extracellular MicroRNA in Respiratory Diseases. <i>Clinical Reviews in Allergy and Immunology</i> , 2018, 54, 480-492.	2.9	47

#	ARTICLE	IF	CITATIONS
2413	Resolvin D1 enhances the resolution of lung inflammation caused by long-term <i>Pseudomonas aeruginosa</i> infection. <i>Mucosal Immunology</i> , 2018, 11, 35-49.	2.7	81
2414	Understanding blood gas analysis. <i>Intensive Care Medicine</i> , 2018, 44, 91-93.	3.9	42
2415	Xuebijing Injection (è;€åž...ã†€æ³ˆã°,æŒ²) and Resolvin D1 Synergize Regulate Leukocyte Adhesion and Improve Survival Rate in Mice with Sepsis-Induced Lung Injury. <i>Chinese Journal of Integrative Medicine</i> , 2018, 24, 272-277.	0.7	10
2416	Arachidonic Acid Induces ARE/Nrf2-Dependent Heme Oxygenase-1 Transcription in Rat Brain Astrocytes. <i>Molecular Neurobiology</i> , 2018, 55, 3328-3343.	1.9	26
2417	Small interfering RNA targeting receptor for advanced glycation end products protects the rats from multibacterial sepsis. <i>Irish Journal of Medical Science</i> , 2018, 187, 225-229.	0.8	0
2418	Acute respiratory distress syndrome: An update and review. <i>Journal of Translational Internal Medicine</i> , 2018, 6, 74-77.	1.0	58
2419	Plasma Resuscitation Improved Survival in a Cecal Ligation and Puncture Rat Model of Sepsis. <i>Shock</i> , 2018, 49, 53-61.	1.0	31
2420	PYR-41, A Ubiquitin-Activating Enzyme E1 Inhibitor, Attenuates Lung Injury in Sepsis. <i>Shock</i> , 2018, 49, 442-450.	1.0	21
2421	Closed-loop mechanical ventilation for lung injury: a novel physiological-feedback mode following the principles of the open lung concept. <i>Journal of Clinical Monitoring and Computing</i> , 2018, 32, 493-502.	0.7	9
2422	Delayed Alveolar Epithelialization: A Distinct Pathology in Diffuse Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 522-524.	2.5	10
2423	Circulating Exosomes Isolated from Septic Mice Induce Cardiovascular Hyperpermeability Through Promoting Podosome Cluster Formation. <i>Shock</i> , 2018, 49, 429-441.	1.0	21
2424	Human immunology studies using organ donors: Impact of clinical variations on immune parameters in tissues and circulation. <i>American Journal of Transplantation</i> , 2018, 18, 74-88.	2.6	57
2425	A new side effect of synthetic cannabinoid use by the bucket (waterpipe) method: Acute respiratory distress syndrome (ARDS). <i>Turkish Journal of Emergency Medicine</i> , 2018, 18, 42-44.	0.3	7
2426	Lung Microbiota Is Related to Smoking Status and to Development of Acute Respiratory Distress Syndrome in Critically Ill Trauma Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 621-631.	2.5	114
2427	Importance of the Complement Alternative Pathway in Serum Chemotactic Activity During Sepsis. <i>Shock</i> , 2018, 50, 435-441.	1.0	10
2428	Tanshinone IIA alleviates lipopolysaccharide-induced acute lung injury by downregulating TRPM7 and pro-inflammatory factors. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 646-654.	1.6	29
2429	Phosphorylated E2F1 is stabilized by nuclear USP11 to drive Peg10 gene expression and activate lung epithelial cells. <i>Journal of Molecular Cell Biology</i> , 2018, 10, 60-73.	1.5	29
2430	Red Blood Cells Homeostatically Bind Mitochondrial DNA through TLR9 to Maintain Quiescence and to Prevent Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 470-480.	2.5	90

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2431	Splenectomy protects aged mice from injury after experimental stroke. <i>Neurobiology of Aging</i> , 2018, 61, 102-111.	1.5	54
2432	Proteomic and transcriptomic analysis of lung tissue in OVA-challenged mice. <i>Archives of Pharmacal Research</i> , 2018, 41, 87-100.	2.7	9
2433	Heparinase Is Essential for <i>Pseudomonas aeruginosa</i> Virulence during Thermal Injury and Infection. <i>Infection and Immunity</i> , 2018, 86, .	1.0	14
2434	Autophagy inhibitor 3-methyladenine protects against endothelial cell barrier dysfunction in acute lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L388-L396.	1.3	53
2435	Low tidal volume ventilation use remains low in patients with acute respiratory distress syndrome at a single center. <i>Journal of Critical Care</i> , 2018, 44, 72-76.	1.0	21
2436	Mechanisms of Organ Dysfunction in Sepsis. <i>Critical Care Clinics</i> , 2018, 34, 63-80.	1.0	145
2437	Adaptation of a Biomarker-Based Sepsis Mortality Risk Stratification Tool for Pediatric Acute Respiratory Distress Syndrome*. <i>Critical Care Medicine</i> , 2018, 46, e9-e16.	0.4	28
2438	Acute Lung Injury in Response to Intratracheal Instillation of Lipopolysaccharide in an Animal Model of Emphysema Induced by Elastase. <i>Inflammation</i> , 2018, 41, 174-182.	1.7	14
2439	Preventive and Therapeutic Effects of Thymol in a Lipopolysaccharide-Induced Acute Lung Injury Mice Model. <i>Inflammation</i> , 2018, 41, 183-192.	1.7	44
2440	The Role of Danger Signals in the Pathogenesis and Perpetuation of Critical Illness. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 300-309.	2.5	35
2441	Saikosaponin a Ameliorates LPS-Induced Acute Lung Injury in Mice. <i>Inflammation</i> , 2018, 41, 193-198.	1.7	62
2442	Experimental Study of the Protective Effect of Simvastatin on Lung Injury in Rats with Sepsis. <i>Inflammation</i> , 2018, 41, 104-113.	1.7	21
2443	Rhesus Î-Defensin-1 Attenuates Endotoxin-induced Acute Lung Injury by Inhibiting Proinflammatory Cytokines and Neutrophil Recruitment. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 310-319.	1.4	19
2444	A Clinical and Biological Guide for Understanding Chemotherapy-Induced Alopecia and Its Prevention. <i>Oncologist</i> , 2018, 23, 84-96.	1.9	52
2445	Pulmonary Mechanics and Mortality in Mechanically Ventilated Patients Without Acute Respiratory Distress Syndrome: A Cohort Study. <i>Shock</i> , 2018, 49, 311-316.	1.0	37
2446	Proteasome inhibitor bortezomib is a novel therapeutic agent for focal radiation-induced osteoporosis. <i>FASEB Journal</i> , 2018, 32, 52-62.	0.2	26
2447	Genetic Variation in <i>MAP3K1</i> Associates with Ventilator-Free Days in Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 117-125.	1.4	15
2448	Interleukin-17 as a predictor of sepsis in polytrauma patients: a prospective cohort study. <i>European Journal of Trauma and Emergency Surgery</i> , 2018, 44, 621-626.	0.8	30

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2449	Return to work and lost earnings after acute respiratory distress syndrome: a 5-year prospective, longitudinal study of long-term survivors. <i>Thorax</i> , 2018, 73, 125-133.	2.7	83
2450	Quantitative Evidence for Revising the Definition of Primary Graft Dysfunction after Lung Transplant. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 235-243.	2.5	45
2451	The microbiota influences cell death and microglial colonization in the perinatal mouse brain. <i>Brain, Behavior, and Immunity</i> , 2018, 67, 218-229.	2.0	54
2452	Hyperoxia induces paracellular leak and alters claudin expression by neonatal alveolar epithelial cells. <i>Pediatric Pulmonology</i> , 2018, 53, 17-27.	1.0	14
2453	Extracellular adenosine-induced Rac1 activation in pulmonary endothelium: Molecular mechanisms and barrier-protective role. <i>Journal of Cellular Physiology</i> , 2018, 233, 5736-5746.	2.0	11
2454	Selective Cannabinoid 2 Receptor Stimulation Reduces Tubular Epithelial Cell Damage after Renal Ischemia-Reperfusion Injury. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2018, 364, 287-299.	1.3	27
2455	Deficiency of receptor-interacting protein kinase 3 (RIPK3) attenuates inflammation and organ injury in neonatal sepsis. <i>Journal of Pediatric Surgery</i> , 2018, 53, 1699-1705.	0.8	21
2456	Heme accumulation in endothelial cells impairs angiogenesis by triggering paraptosis. <i>Cell Death and Differentiation</i> , 2018, 25, 573-588.	5.0	78
2457	The Basic Science and Molecular Mechanisms of Lung Injury and Acute Respiratory Distress Syndrome. <i>International Anesthesiology Clinics</i> , 2018, 56, 1-25.	0.3	22
2458	Protective effect of acacetin on sepsis-induced acute lung injury via its anti-inflammatory and antioxidative activity. <i>Archives of Pharmacal Research</i> , 2018, 41, 1199-1210.	2.7	42
2459	Vitamin C in sepsis. <i>Current Opinion in Anaesthesiology</i> , 2018, 31, 55-60.	0.9	64
2460	Chemoattractants and cytokines in primary ciliary dyskinesia and cystic fibrosis: key players in chronic respiratory diseases. <i>Cellular and Molecular Immunology</i> , 2018, 15, 312-323.	4.8	27
2461	Tubastatin A prevents hemorrhage-induced endothelial barrier dysfunction. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 386-392.	1.1	4
2462	RBC Transfusions Are Associated With Prolonged Mechanical Ventilation in Pediatric Acute Respiratory Distress Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2018, 19, e88-e96.	0.2	14
2463	Risk Factors for the Development of Acute Respiratory Distress Syndrome Following Hemorrhage. <i>Shock</i> , 2018, 50, 258-264.	1.0	45
2464	A prospective international observational prevalence study on prone positioning of ARDS patients: the APRONET (ARDS Prone Position Network) study. <i>Intensive Care Medicine</i> , 2018, 44, 22-37.	3.9	226
2465	Caspase-independent programmed cell death triggers Ca <sub>2</sub> PO <sub>4</sub> deposition in an in vitro model of nephrocalcinosis. <i>Bioscience Reports</i> , 2018, 38, .	1.1	9
2466	APTM, a Thiophene Heterocyclic Compound, Inhibits Human Colon Cancer HCT116 Cell Proliferation Through p53-Dependent Induction of Apoptosis. <i>DNA and Cell Biology</i> , 2018, 37, 70-77.	0.9	5



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2468	Silymarin mitigates lung impairments in a rat model of acute respiratory distress syndrome. <i>Inflammopharmacology</i> , 2018, 26, 747-754.	1.9	19
2469	Electroacupuncture Pretreatment Attenuates Acute Lung Injury Through $\pm$ 7 Nicotinic Acetylcholine Receptor-Mediated Inhibition of HMGB1 Release in Rats After Cardiopulmonary Bypass. <i>Shock</i> , 2018, 50, 351-359.	1.0	21
2470	Quick reference tidal volume cards reduce the incidence of large tidal volumes during surgery. <i>Journal of Anesthesia</i> , 2018, 32, 137-142.	0.7	1
2471	Platelet aggregation after blunt trauma is associated with the acute respiratory distress syndrome and altered by cigarette smoke exposure. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 84, 365-371.	1.1	2
2472	Looking beyond macroventilatory parameters and rethinking ventilator-induced lung injury. <i>Journal of Applied Physiology</i> , 2018, 124, 1214-1218.	1.2	12
2473	LPS-induced Acute Lung Injury Involves NF- $\kappa$ B-mediated Downregulation of SOX18. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2018, 58, 614-624.	1.4	59
2474	Ascorbic acid attenuates endothelial permeability triggered by cell-free hemoglobin. <i>Biochemical and Biophysical Research Communications</i> , 2018, 495, 433-437.	1.0	41
2475	Does high PEEP prevent alveolar cycling?. <i>Medizinische Klinik - Intensivmedizin Und Notfallmedizin</i> , 2018, 113, 7-12.	0.4	10
2476	Diterpenoid natural compound C4 (Crassin) exerts cytostatic effects on triple-negative breast cancer cells via a pathway involving reactive oxygen species. <i>Cellular Oncology (Dordrecht)</i> , 2018, 41, 35-46.	2.1	12
2477	Phage-derived protein-mediated targeted chemotherapy of pancreatic cancer. <i>Journal of Drug Targeting</i> , 2018, 26, 505-515.	2.1	7
2478	Targeting Hypoxia Signaling for Perioperative Organ Injury. <i>Anesthesia and Analgesia</i> , 2018, 126, 308-321.	1.1	64
2479	To What Extent Are the Terminal Stages of Sepsis, Septic Shock, Systemic Inflammatory Response Syndrome, and Multiple Organ Dysfunction Syndrome Actually Driven by a Prion/Amyloid Form of Fibrin?. <i>Seminars in Thrombosis and Hemostasis</i> , 2018, 44, 224-238.	1.5	45
2480	Protective Effect and Mechanism of Alprostadil in Acute Respiratory Distress Syndrome Induced by Oleic Acid in Rats. <i>Medical Science Monitor</i> , 2018, 24, 7186-7198.	0.5	5
2481	Building on the Shoulders of Giants: Is the use of Early Spontaneous Ventilation in the Setting of Severe Diffuse Acute Respiratory Distress Syndrome Actually Heretical?. <i>Turkish Journal of Anaesthesiology and Reanimation</i> , 2018, 46, 339-347.	0.9	7
2482	Common Injuries and Repair Mechanisms in the Endothelial Lining. <i>Chinese Medical Journal</i> , 2018, 131, 2338-2345.	0.9	12
2483	Damage-associated molecular patterns in intensive care unit patients with acute liver injuries. <i>Medicine (United States)</i> , 2018, 97, e12780.	0.4	4
2484	Regulatory T cells may play a protection role in postoperative pulmonary dysfunction in rheumatic heart disease. <i>Journal of Thoracic Disease</i> , 2018, 10, 3196-3205.	0.6	2

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2485	Change is in the air: dying to breathe oxygen in acute respiratory distress syndrome?. Journal of Thoracic Disease, 2018, 10, S2133-S2137.	0.6	7
2486	Independent factors related to preoperative acute lung injury in 130 adults undergoing Stanford type-A acute aortic dissection surgery: a single-center cross-sectional clinical study. Journal of Thoracic Disease, 2018, 10, 4413-4423.	0.6	18
2487	Cell therapy in acute respiratory distress syndrome. Journal of Thoracic Disease, 2018, 10, 5607-5620.	0.6	46
2488	Clinical differences between pulmonary and extrapulmonary acute respiratory distress syndrome: a retrospective cohort study of prospectively collected data in Japan. Journal of Thoracic Disease, 2018, 10, 5796-5803.	0.6	13
2489	The Acute Respiratory Distress Syndrome ventilatory management is still a complicated picture. Journal of Thoracic Disease, 2018, 10, S4101-S4103.	0.6	1
2490	Airway pressure release ventilation versus conventional ventilation for the management of pediatric acute respiratory distress syndrome: do we have an answer?. Journal of Thoracic Disease, 2018, 10, S4085-S4087.	0.6	1
2491	Adjunctive therapies during veno-venous extracorporeal membrane oxygenation. Journal of Thoracic Disease, 2018, 10, S683-S691.	0.6	3
2492	Airway pressure release ventilation in patients with acute respiratory distress syndrome: not yet, we still need more data!. Journal of Thoracic Disease, 2018, 10, 670-673.	0.6	6
2493	High blood neutrophil-lymphocyte ratio associated with poor outcomes in miliary tuberculosis. Journal of Thoracic Disease, 2018, 10, 339-346.	0.6	23
2494	Prone Positioning for ARDS: still misunderstood and misused. Journal of Thoracic Disease, 2018, 10, S2079-S2082.	0.6	6
2495	Prone positioning in acute respiratory distress syndrome: why aren't we using it more?. Journal of Thoracic Disease, 2018, 10, S1020-S1024.	0.6	11
2496	In acute respiratory distress syndrome, is extracorporeal membrane oxygenation an adjuvant for "everyone"? Journal of Thoracic Disease, 2018, 10, S2035-S2039.	0.6	0
2497	What about prognostic outcome parameters in patients with acute respiratory distress syndrome (ARDS) treated with veno-venous extracorporeal membrane oxygenation (VV-ECMO)?. Journal of Thoracic Disease, 2018, 10, S2057-S2061.	0.6	2
2498	The PRESET-Score: the extrapulmonary predictive survival model for extracorporeal membrane oxygenation in severe acute respiratory distress syndrome. Journal of Thoracic Disease, 2018, 10, S2040-S2044.	0.6	7
2499	Altered expression of TIAM1 in endotoxin-challenged airway epithelial cells and rodent septic models. Journal of Thoracic Disease, 2018, 10, 3187-3195.	0.6	4
2500	Over-Expression of ATPase II Alleviates Ethanol-Induced Hepatocyte Injury in HL-7702 Cells. Medical Science Monitor, 2018, 24, 8372-8382.	0.5	2
2501	Neutrophil-to-lymphocyte ratio as a prognostic marker in acute respiratory distress syndrome patients: a retrospective study. Journal of Thoracic Disease, 2018, 10, 273-282.	0.6	68
2502	Acute respiratory distress syndrome—a worldwide economic perspective. Journal of Thoracic Disease, 2018, 10, 570-575.	0.6	2

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2504	Diosmetin Alleviates Lipopolysaccharide-Induced Acute Lung Injury through Activating the Nrf2 Pathway and Inhibiting the NLRP3 Inflammasome. <i>Biomolecules and Therapeutics</i> , 2018, 26, 157-166.	1.1	57
2505	Driving pressure in obese patients with acute respiratory distress syndrome: one size fits all?. <i>Journal of Thoracic Disease</i> , 2018, 10, S3957-S3960.	0.6	3
2506	Quantitative CT assessment of lung injury after successful cardiopulmonary resuscitation in a porcine cardiac arrest model of different downtimes. <i>Quantitative Imaging in Medicine and Surgery</i> , 2018, 8, 946-956.	1.1	4
2507	Firmer footing for ventilating and monitoring the injured lung. <i>Journal of Thoracic Disease</i> , 2018, 10, S4047-S4052.	0.6	1
2508	Caring for the critically ill patients over 80: a narrative review. <i>Annals of Intensive Care</i> , 2018, 8, 114.	2.2	96
2509	The Role of Autophagy and the Chemokine (C-X-C Motif) Ligand 16 During Acute Lung Injury in Mice. <i>Medical Science Monitor</i> , 2018, 24, 2404-2412.	0.5	7
2510	Changes in TNF- $\alpha$ , IL-6, IL-10 and VEGF in rats with ARDS and the effects of dexamethasone. <i>Experimental and Therapeutic Medicine</i> , 2019, 17, 383-387.	0.8	26
2511	Interleukin-7 restores lymphocytes in septic shock: the IRIS-7 randomized clinical trial. <i>JCI Insight</i> , 2018, 3, .	2.3	265
2512	Hemodynamic effects of extended prone position sessions in ARDS. <i>Annals of Intensive Care</i> , 2018, 8, 120.	2.2	22
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2514	Nischarin attenuates apoptosis induced by oxidative stress in PC12 cells. <i>Experimental and Therapeutic Medicine</i> , 2018, 17, 663-670.	0.8	7
2515	Incidence of acute respiratory distress syndrome and associated mortality in a polytrauma population. <i>Trauma Surgery and Acute Care Open</i> , 2018, 3, e000232.	0.8	28
2516	Harmful Roles of TLR3 and TLR9 in Cardiac Dysfunction Developing during Polymicrobial Sepsis. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	20
2517	AA $\beta$ 's agony of choice: how to cross the Styx?. <i>Wiener Medizinische Wochenschrift</i> , 2018, 168, 300-306.	0.5	0
2518	ARDS complicating pustular psoriasis: treatment with low-dose corticosteroids, vitamin C and thiamine. <i>BMJ Case Reports</i> , 2018, 2018, bcr-2017-223475.	0.2	9
2519	Acute Respiratory Distress Syndrome in a Four-Year-Old Boy with Diabetic Ketoacidosis â€œ Case Report. <i>Acta Clinica Croatica</i> , 2018, 57, 588-592.	0.1	2
2520	Anticoagulant therapy in acute respiratory distress syndrome. <i>Annals of Translational Medicine</i> , 2018, 6, 36-36.	0.7	44

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2521	Diagnosis of acute respiratory distress syndrome by exhaled breath analysis. <i>Annals of Translational Medicine</i> , 2018, 6, 33-33.	0.7	24
2522	Ventilator-induced lung injury and lung mechanics. <i>Annals of Translational Medicine</i> , 2018, 6, 378-378.	0.7	81
2523	MMI-0100 ameliorates lung inflammation in a mouse model of acute respiratory distress syndrome by reducing endothelial expression of ICAM-1. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 4253-4260.	2.0	6
2524	Expression Levels of Interferon Regulatory Factor 5 (IRF5) and Related Inflammatory Cytokines Associated with Severity, Prognosis, and Causative Pathogen in Patients with Community-Acquired Pneumonia. <i>Medical Science Monitor</i> , 2018, 24, 3620-3630.	0.5	15
2525	Attenuation of Lipopolysaccharide-Induced Acute Lung Injury by Cyclosporine-A via Suppression of Mitochondrial DNA. <i>Medical Science Monitor</i> , 2018, 24, 7682-7688.	0.5	16
2526	Impact of fluid challenge increase in cardiac output on the relationship between systemic and cerebral hemodynamics in severe sepsis compared to brain injury and controls. <i>Annals of Intensive Care</i> , 2018, 8, 74.	2.2	4
2527	Clinical features and outcome of patients with acute respiratory failure revealing anti-synthetase or anti-MDA-5 dermatopulmonary syndrome: a French multicenter retrospective study. <i>Annals of Intensive Care</i> , 2018, 8, 87.	2.2	60
2528	Predictors of survival in patients with influenza pneumonia-related severe acute respiratory distress syndrome treated with prone positioning. <i>Annals of Intensive Care</i> , 2018, 8, 94.	2.2	20
2529	Alk5/Runx1 signaling mediated by extracellular vesicles promotes vascular repair in acute respiratory distress syndrome. <i>Clinical and Translational Medicine</i> , 2018, 7, 19.	1.7	28
2530	Capturing the multifactorial nature of ARDS - "Two-hit" approach to model murine acute lung injury. <i>Physiological Reports</i> , 2018, 6, e13648.	0.7	24
2531	A vascular endothelial growth factor receptor gene variant is associated with susceptibility to acute respiratory distress syndrome. <i>Intensive Care Medicine Experimental</i> , 2018, 6, 16.	0.9	9
2532	Body temperature and mouse scoring systems as surrogate markers of death in cecal ligation and puncture sepsis. <i>Intensive Care Medicine Experimental</i> , 2018, 6, 20.	0.9	83
2533	Multidimensional assessment of alveolar T cells in critically ill patients. <i>JCI Insight</i> , 2018, 3, .	2.3	49
2534	The aquaporin 5 -1364A/C promoter polymorphism impacts on resolution of acute kidney injury in pneumonia evoked ARDS. <i>PLoS ONE</i> , 2018, 13, e0208582.	1.1	9
2535	Protectin DX Exhibits Protective Effects in Mouse Model of Lipopolysaccharide-Induced Acute Lung Injury. <i>Chinese Medical Journal</i> , 2018, 131, 1167-1173.	0.9	12
2536	Halogen Inhalation-Induced Lung Injury and Acute Respiratory Distress Syndrome. <i>Chinese Medical Journal</i> , 2018, 131, 1214-1219.	0.9	17
2537	Pharmacotherapy for Adult Patients with Acute Respiratory Distress Syndrome. <i>Chinese Medical Journal</i> , 2018, 131, 1138-1141.	0.9	9
2538	Perioperative application of dexmedetomidine for postoperative systemic inflammatory response syndrome in patients undergoing percutaneous nephrolithotomy lithotripsy: results of a randomised controlled trial. <i>BMJ Open</i> , 2018, 8, e019008.	0.8	9

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2539	Intracranial pressure responsiveness to positive end-expiratory pressure in different respiratory mechanics: a preliminary experimental study in pigs. <i>BMC Neurology</i> , 2018, 18, 183.	0.8	9
2540	Prospective Assessment of the Feasibility of a Trial of Low Tidal Volume Ventilation for Patients with Acute Respiratory Failure. <i>Annals of the American Thoracic Society</i> , 2019, 16, 356-362.	1.5	20
2541	Elevated IL-33 promotes expression of MMP2 and MMP9 via activating STAT3 in alveolar macrophages during LPS-induced acute lung injury. <i>Cellular and Molecular Biology Letters</i> , 2018, 23, 52.	2.7	67
2542	Sepsis Induces a Long-Lasting State of Trained Immunity in Bone Marrow Monocytes. <i>Frontiers in Immunology</i> , 2018, 9, 2685.	2.2	51
2543	Therapeutic potential of products derived from mesenchymal stem/stromal cells in pulmonary disease. <i>Respiratory Research</i> , 2018, 19, 218.	1.4	80
2544	The Development of Serum Amyloid P as a Possible Therapeutic. <i>Frontiers in Immunology</i> , 2018, 9, 2328.	2.2	56
2545	Cell-Selective Pore Forming Antimicrobial Peptides of the Prodomain of Human Furin: A Conserved Aromatic/Cationic Sequence Mapping, Membrane Disruption, and Atomic-Resolution Structure and Dynamics. <i>ACS Omega</i> , 2018, 3, 14650-14664.	1.6	10
2546	The Pathogenic Involvement of Neutrophils in Acute Respiratory Distress Syndrome and Transfusion-Related Acute Lung Injury. <i>Transfusion Medicine and Hemotherapy</i> , 2018, 45, 290-298.	0.7	70
2547	Bioengineering Human Neurological Constructs Using Decellularized Meningeal Scaffolds for Application in Spinal Cord Injury. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 150.	2.0	24
2548	Polymicrobial Sepsis Chronic Immunoparalysis Is Defined by Diminished Ag-Specific T Cell-Dependent B Cell Responses. <i>Frontiers in Immunology</i> , 2018, 9, 2532.	2.2	48
2549	Serum concentrations of endothelial cell adhesion molecules and their shedding enzymes and early onset sepsis in newborns in Suriname. <i>BMJ Paediatrics Open</i> , 2018, 2, e000312.	0.6	8
2550	Goal-directed fluid therapy in urgent GAstrointestinal Surgeryâ€”study protocol for A Randomised multicentre Trial: The GAS-ART trial. <i>BMJ Open</i> , 2018, 8, e022651.	0.8	5
2551	Circulating histone H3 levels are increased in septic mice in a neutrophil-dependent manner: preclinical evaluation of a novel sandwich ELISA for histone H3. <i>Journal of Intensive Care</i> , 2018, 6, 79.	1.3	23
2552	Early Right Ventricular Systolic Dysfunction and Pulmonary Hypertension Are Associated With Worse Outcomes in Pediatric Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2018, 46, e1055-e1062.	0.4	21
2553	Initiation of LPS-induced pulmonary dysfunction and its recovery occur independent of T cells. <i>BMC Pulmonary Medicine</i> , 2018, 18, 174.	0.8	19
2554	A perioperative surgeon-controlled open-lung approach versus conventional protective ventilation with low positive end-expiratory pressure in cardiac surgery with cardiopulmonary bypass (PROVECS): study protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 624.	0.7	10
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2558	Evaluating the Remote Control of Programmed Cell Death, with or without a Compensatory Cell Proliferation. <i>International Journal of Biological Sciences</i> , 2018, 14, 1800-1812.	2.6	8
2559	Shadow Cell Differentiation: A Comparative Analysis of Modes of Cell Death with Apoptosis and Epidermal/Trichilemmal Keratinization. <i>Dermatopathology (Basel, Switzerland)</i> , 2018, 5, 86-97.	0.7	8
2560	Shock Wave Therapy Enhances Mitochondrial Delivery into Target Cells and Protects against Acute Respiratory Distress Syndrome. <i>Mediators of Inflammation</i> , 2018, 2018, 1-16.	1.4	6
2561	To Protect and to Preserve: Novel Preservation Strategies for Extracellular Vesicles. <i>Frontiers in Pharmacology</i> , 2018, 9, 1199.	1.6	131
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2583	Potential Risk Factors for In-Hospital Mortality in Patients with Moderate-to-Severe Blunt Multiple Trauma Who Survive Initial Resuscitation. <i>Emergency Medicine International</i> , 2018, 2018, 1-12.	0.3	12
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2632	The Possibility and Molecular Mechanisms of Cell Pyroptosis After Cerebral Ischemia. <i>Neuroscience Bulletin</i> , 2018, 34, 1131-1136.	1.5	50
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2634	Resveratrol Attenuates Staphylococcus Aureus-Induced Monocyte Adhesion through Downregulating PDGFR/AP-1 Activation in Human Lung Epithelial Cells. <i>International Journal of Molecular Sciences</i> , 2018, 19, 3058.	1.8	11
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2638	Effect of PM2.5 environmental pollution on rat lung. <i>Environmental Science and Pollution Research</i> , 2018, 25, 36136-36146.	2.7	54
2639	Relevance of interferon-gamma in pathogenesis of life-threatening rapidly progressive interstitial lung disease in patients with dermatomyositis. <i>Arthritis Research and Therapy</i> , 2018, 20, 240.	1.6	39
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2645	Salivary Gland Extract from <i>Aedes aegypti</i> Improves Survival in Murine Polymicrobial Sepsis through Oxidative Mechanisms. <i>Cells</i> , 2018, 7, 182.	1.8	8
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2660	Epidemiology of cause of death in pediatric acute respiratory distress syndrome. <i>Critical Care Medicine</i> , 2018, 46, 1811-1819.	0.4	43
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2662	Effects of imipenem combined with low-dose cyclophosphamide on the intestinal barrier in septic rats. <i>Experimental and Therapeutic Medicine</i> , 2018, 16, 1919-1927.	0.8	5
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2697	Asthma and poly(ADP-ribose) polymerase inhibition: a new therapeutic approach. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 281-293.	2.0	18
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2703	The prophylactic effect of different levels of positive end-expiratory pressure on the incidence rate of atelectasis after cardiac surgery: A Randomized Controlled Trial. <i>Medical Journal of the Islamic Republic of Iran</i> , 2018, 32, 111-118.	0.9	9
2704	Endoplasmic reticulum chaperone GRP78 mediates cigarette smoke-induced necroptosis and injury in bronchial epithelium. <i>International Journal of COPD</i> , 2018, Volume 13, 571-581.	0.9	19
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2847	Integrin $\alpha$ 2 $\beta$ 2 (CD11d/CD18) Modulates Leukocyte Accumulation, Pathogen Clearance, and Pyroptosis in Experimental Salmonella Typhimurium Infection. <i>Frontiers in Immunology</i> , 2018, 9, 1128.	2.2	10
2848	Hsp70 Suppresses Mitochondrial Reactive Oxygen Species and Preserves Pulmonary Microvascular Barrier Integrity Following Exposure to Bacterial Toxins. <i>Frontiers in Immunology</i> , 2018, 9, 1309.	2.2	33
2849	Cigarette Smoke-Induced Cell Death Causes Persistent Olfactory Dysfunction in Aged Mice. <i>Frontiers in Aging Neuroscience</i> , 2018, 10, 183.	1.7	17
2850	Blood Glutamate Levels Are Closely Related to Acute Lung Injury and Prognosis after Stroke. <i>Frontiers in Neurology</i> , 2017, 8, 755.	1.1	19
2851	CCNG2 Overexpression Mediated by AKT Inhibits Tumor Cell Proliferation in Human Astrocytoma Cells. <i>Frontiers in Neurology</i> , 2018, 9, 255.	1.1	12
2852	Inhibition of the mTOR Pathway Exerts Cardioprotective Effects Partly through Autophagy in CLP Rats. <i>Mediators of Inflammation</i> , 2018, 2018, 1-9.	1.4	22
2853	Graphene oxide polarizes iNKT cells for production of TGF $\beta$ 2 and attenuates inflammation in an iNKT cell-mediated sepsis model. <i>Scientific Reports</i> , 2018, 8, 10081.	1.6	28
2854	Protective role of curcumin in ameliorating AFB1-induced apoptosis via mitochondrial pathway in liver cells. <i>Molecular Biology Reports</i> , 2018, 45, 881-891.	1.0	26
2855	The Central Role of the Inflammatory Response in Understanding the Heterogeneity of Sepsis-3. <i>BioMed Research International</i> , 2018, 2018, 1-10.	0.9	38
2856	Intermedin protects against sepsis by concurrently re-establishing the endothelial barrier and alleviating inflammatory responses. <i>Nature Communications</i> , 2018, 9, 2644.	5.8	40
2857	Linarin prevents LPS-induced acute lung injury by suppressing oxidative stress and inflammation via inhibition of TXNIP/NLRP3 and NF $\kappa$ B pathways. <i>International Journal of Molecular Medicine</i> , 2018, 42, 1460-1472.	1.8	42
2858	Sphingolipids in Ventilator Induced Lung Injury: Role of Sphingosine-1-Phosphate Lyase. <i>International Journal of Molecular Sciences</i> , 2018, 19, 114.	1.8	26
2859	Skin Protective Effect of Epigallocatechin Gallate. <i>International Journal of Molecular Sciences</i> , 2018, 19, 173.	1.8	110
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2861	Integrins Were Involved in Soybean Agglutinin Induced Cell Apoptosis in IPEC-J2. <i>International Journal of Molecular Sciences</i> , 2018, 19, 587.	1.8	12
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2863	VEGF (Vascular Endothelial Growth Factor) and Fibrotic Lung Disease. <i>International Journal of Molecular Sciences</i> , 2018, 19, 1269.	1.8	75

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2867	Preemptively and non-preemptively transplanted patients show a comparable hypercoagulable state prior to kidney transplantation compared to living kidney donors. <i>PLoS ONE</i> , 2018, 13, e0200537.	1.1	10
2868	p38 Inhibition Ameliorates Inspiratory Resistive Breathing-Induced Pulmonary Inflammation. <i>Inflammation</i> , 2018, 41, 1873-1887.	1.7	3
2869	Insulin-Like Growth Factor-1 Signaling in Lung Development and Inflammatory Lung Diseases. <i>BioMed Research International</i> , 2018, 2018, 1-27.	0.9	46
2870	Immunocompromised patients with acute respiratory distress syndrome: secondary analysis of the LUNG SAFE database. <i>Critical Care</i> , 2018, 22, 157.	2.5	84
2871	IL-10 induces an immune repressor pathway in sepsis by promoting S100A9 nuclear localization and MDSC development. <i>Cellular Immunology</i> , 2018, 332, 32-38.	1.4	68
2872	The Protective Effects of Terpinen-4-ol on LPS-Induced Acute Lung Injury via Activating PPAR- $\gamma$ . <i>Inflammation</i> , 2018, 41, 2012-2017.	1.7	20
2873	Resolvin D1 Promotes SIRT1 Expression to Counteract the Activation of STAT3 and NF- $\kappa$ B in Mice with Septic-Associated Lung Injury. <i>Inflammation</i> , 2018, 41, 1762-1771.	1.7	31
2874	$\alpha$ -Toxin Induces Platelet Aggregation and Liver Injury during Staphylococcus aureus Sepsis. <i>Cell Host and Microbe</i> , 2018, 24, 271-284.e3.	5.1	125
2875	Twenty-year trend in mortality among hospitalized patients with pneumococcal community-acquired pneumonia. <i>PLoS ONE</i> , 2018, 13, e0200504.	1.1	27
2876	Plasma-first resuscitation to treat haemorrhagic shock during emergency ground transportation in an urban area: a randomised trial. <i>Lancet</i> , The, 2018, 392, 283-291.	6.3	252
2877	Predictive Value of Combined LIPS and ANG-2 Level in Critically Ill Patients with ARDS Risk Factors. <i>Mediators of Inflammation</i> , 2018, 2018, 1-10.	1.4	18
2878	High-Intensity Exercise Prevents Disturbances in Lung Inflammatory Cytokines and Antioxidant Defenses Induced by Lipopolysaccharide. <i>Inflammation</i> , 2018, 41, 2060-2067.	1.7	13
2879	Activation of Invariant Natural Killer T Cells Redirects the Inflammatory Response in Neonatal Sepsis. <i>Frontiers in Immunology</i> , 2018, 9, 833.	2.2	13
2880	Regulatory T Cells and Acute Lung Injury: Cytokines, Uncontrolled Inflammation, and Therapeutic Implications. <i>Frontiers in Immunology</i> , 2018, 9, 1545.	2.2	113
2881	Serial change of C1 inhibitor in patients with sepsis: a prospective observational study. <i>Journal of Intensive Care</i> , 2018, 6, 37.	1.3	5

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2883	Potentially modifiable respiratory variables contributing to outcome in ICU patients without ARDS: a secondary analysis of PROVENT. <i>Annals of Intensive Care</i> , 2018, 8, 39.	2.2	22
2884	Leukadherin-1 ameliorates endothelial barrier damage mediated by neutrophils from critically ill patients. <i>Journal of Intensive Care</i> , 2018, 6, 19.	1.3	12
2885	In vitro comparison of the adsorption of inflammatory mediators by blood purification devices. <i>Intensive Care Medicine Experimental</i> , 2018, 6, 12.	0.9	165
2886	Effects of cisatracurium in combination with ventilation on inflammatory factors and immune variations in sepsis rats. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 4414-4418.	0.8	6
2887	Toll-like receptors in immunity and inflammatory diseases: Past, present, and future. <i>International Immunopharmacology</i> , 2018, 59, 391-412.	1.7	438
2888	Effects of simvastatin on the function of splenic CD4+ and CD8+ T cells in sepsis mice. <i>Immunologic Research</i> , 2018, 66, 355-366.	1.3	5
2889	IMMUNEPOTENT CRP induces cell cycle arrest and caspase-independent regulated cell death in HeLa cells through reactive oxygen species production. <i>BMC Cancer</i> , 2018, 18, 13.	1.1	17
2890	The relationship between high-dose corticosteroid treatment and mortality in acute respiratory distress syndrome: a retrospective and observational study using a nationwide administrative database in Japan. <i>BMC Pulmonary Medicine</i> , 2018, 18, 28.	0.8	27
2891	Molecular imaging of pulmonary diseases. <i>Respiratory Research</i> , 2018, 19, 17.	1.4	16
2892	PM2.5-induced oxidative stress increases intercellular adhesion molecule-1 expression in lung epithelial cells through the IL-6/AKT/STAT3/NF- $\kappa$ B-dependent pathway. <i>Particle and Fibre Toxicology</i> , 2018, 15, 4.	2.8	154
2893	Variation of poorly ventilated lung units (silent spaces) measured by electrical impedance tomography to dynamically assess recruitment. <i>Critical Care</i> , 2018, 22, 26.	2.5	82
2894	Haemoglobin concentration and volume of intravenous fluids in septic shock in the ARISE trial. <i>Critical Care</i> , 2018, 22, 118.	2.5	15
2895	There are only four basic modes of cell death, although there are many ad-hoc variants adapted to different situations. <i>Cell and Bioscience</i> , 2018, 8, 6.	2.1	46
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2897	Use of cilomilast-loaded phosphatiosomes to suppress neutrophilic inflammation for attenuating acute lung injury: the effect of nanovesicular surface charge. <i>Journal of Nanobiotechnology</i> , 2018, 16, 35.	4.2	27
2898	Could resuscitation be based on microcirculation data? Yes. <i>Intensive Care Medicine</i> , 2018, 44, 944-946.	3.9	20
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2901	Atorvastatin and diacerein reduce insulin resistance and increase disease tolerance in rats with sepsis. <i>Journal of Inflammation</i> , 2018, 15, 8.	1.5	19
2902	RELAX â€œ REstricted versus Liberal positive end-expiratory pressure in patients without ARDS: protocol for a randomized controlled trial. <i>Trials</i> , 2018, 19, 272.	0.7	15
2903	High-frequency power of heart rate variability can predict the outcome of thoracic surgical patients with acute respiratory distress syndrome on admission to the intensive care unit: a prospective, single-centric, case-controlled study. <i>BMC Anesthesiology</i> , 2018, 18, 34.	0.7	14
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2905	Safflower polysaccharide inhibits the development of tongue squamous cell carcinoma. <i>World Journal of Surgical Oncology</i> , 2018, 16, 167.	0.8	8
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2907	Spermidine Protects against Oxidative Stress in Inflammation Models Using Macrophages and Zebrafish. <i>Biomolecules and Therapeutics</i> , 2018, 26, 146-156.	1.1	80
2908	A Broadâ€œSpectrum ROSâ€œEliminating Material for Prevention of Inflammation and Drugâ€œInduced Organ Toxicity. <i>Advanced Science</i> , 2018, 5, 1800781.	5.6	93
2909	Chest radiography versus lung ultrasound for identification of acute respiratory distress syndrome: a retrospective observational study. <i>Critical Care</i> , 2018, 22, 203.	2.5	46
2910	Differential Mechanisms of Septic Human Pulmonary Microvascular Endothelial Cell Barrier Dysfunction Depending on the Presence of Neutrophils. <i>Frontiers in Immunology</i> , 2018, 9, 1743.	2.2	9
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2912	Inflammatory and Fibrinolytic System in Acute Respiratory Distress Syndrome. <i>Lung</i> , 2018, 196, 609-616.	1.4	52
2913	Mechanisms and consequences of oxidative stress in lung disease: therapeutic implications for an aging populace. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L642-L653.	1.3	95
2914	Instillation of hyaluronan reverses acid instillation injury to the mammalian blood gas barrier. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L808-L821.	1.3	20
2915	Deferoxamine preconditioning ameliorates mechanical ventilation-induced lung injury in rat model via ROS in alveolar macrophages: a randomized controlled study. <i>BMC Anesthesiology</i> , 2018, 18, 116.	0.7	10
2916	Feasibility of biventricular 3D transthoracic echocardiography in the critically ill and comparison with conventional parameters. <i>Critical Care</i> , 2018, 22, 198.	2.5	3
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2920	The neutrophil chemoattractant peptide proline-glycine-proline is associated with acute respiratory distress syndrome. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L653-L661.	1.3	16
2921	Angiotensin II: a new therapeutic option for vasodilatory shock. <i>Therapeutics and Clinical Risk Management</i> , 2018, Volume 14, 1287-1298.	0.9	21
2922	Experimental murine acute lung injury induces increase of pulmonary TIE2-expressing macrophages. <i>Journal of Inflammation</i> , 2018, 15, 12.	1.5	5
2923	The small heat shock protein HSPB1 protects mice from sepsis. <i>Scientific Reports</i> , 2018, 8, 12493.	1.6	10
2924	B-1a cells protect mice from sepsis-induced acute lung injury. <i>Molecular Medicine</i> , 2018, 24, 26.	1.9	90
2925	Effects of bone marrow-derived mesenchymal stromal cells on gene expression in human alveolar type II cells exposed to TNF- $\alpha$ , IL-1 $\beta$ , and IFN- $\gamma$ . <i>Physiological Reports</i> , 2018, 6, e13831.	0.7	7
2926	International multicenter observational study on assessment of ventilatory management during general anaesthesia for robotic surgery and its effects on postoperative pulmonary complication (AVATaR): study protocol and statistical analysis plan. <i>BMJ Open</i> , 2018, 8, e021643.	0.8	5
2927	Remote ischemic preconditioning STAT3-dependently ameliorates pulmonary ischemia/reperfusion injury. <i>PLoS ONE</i> , 2018, 13, e0196186.	1.1	21
2928	Exogenous Heat Shock Cognate Protein 70 Suppresses LPS-Induced Inflammation by Down-Regulating NF- $\kappa$ B through MAPK and MMP-2/-9 Pathways in Macrophages. <i>Molecules</i> , 2018, 23, 2124.	1.7	25
2929	Progressive mechanical confinement of chemotactic neutrophils induces arrest, oscillations, and retrotaxis. <i>Journal of Leukocyte Biology</i> , 2018, 104, 1253-1261.	1.5	12
2930	Protective Effect of 2-Hydroxymethyl Anthraquinone from <i>Hedyotis diffusa</i> Willd in Lipopolysaccharide-Induced Acute Lung Injury Mediated by TLR4-NF- $\kappa$ B Pathway. <i>Inflammation</i> , 2018, 41, 2136-2148.	1.7	19
2931	Different apoptosis pathways in <i>Leishmania</i> parasites. <i>Cell Death Discovery</i> , 2018, 4, 27.	2.0	18
2932	MicroRNA dysregulation in lung injury: the role of the miR-26a/EphA2 axis in regulation of endothelial permeability. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 315, L584-L594.	1.3	21
2933	The NF- $\kappa$ B signaling pathway serves an important regulatory role in <i>Klebsiella pneumoniae</i> liver abscesses. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 5443-5449.	0.8	4
2934	Protein kinase R-like endoplasmic reticulum kinase is a mediator of stretch in ventilator-induced lung injury. <i>Respiratory Research</i> , 2018, 19, 157.	1.4	12
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2937	The Role of Pulmonary and Systemic Immunosenescence in Acute Lung Injury. , 2018, 9, 553.		34
2938	Epidemiology, prognostic factors, and outcome of trauma patients admitted in a Brazilian intensive care unit. <i>Open Access Emergency Medicine</i> , 2018, Volume 10, 81-88.	0.6	17
2939	Euphornin reduces proliferation of human cervical adenocarcinoma HeLa cells through induction of apoptosis and G2/M cell cycle arrest. <i>OncoTargets and Therapy</i> , 2018, Volume 11, 4395-4405.	1.0	5
2940	Expression and Activity of COX-1 and COX-2 in Acanthamoeba sp.-Infected Lungs According to the Host Immunological Status. <i>International Journal of Molecular Sciences</i> , 2018, 19, 121.	1.8	20
2941	<i>Citrobacter freundii</i> fitness during bloodstream infection. <i>Scientific Reports</i> , 2018, 8, 11792.	1.6	46
2942	Diagnostic value of cardiopulmonary ultrasound in elderly patients with acute respiratory distress syndrome. <i>BMC Pulmonary Medicine</i> , 2018, 18, 136.	0.8	16
2943	Arctiin Prevents LPS-Induced Acute Lung Injury via Inhibition of PI3K/AKT Signaling Pathway in Mice. <i>Inflammation</i> , 2018, 41, 2129-2135.	1.7	35
2944	Effect of early fluid resuscitation combined with low dose cyclophosphamide on intestinal barrier function in severe sepsis rats. <i>Drug Delivery and Translational Research</i> , 2018, 8, 1254-1264.	3.0	4
2945	Aryl-Alkyl-Lysines Interact with Anionic Lipid Components of Bacterial Cell Envelope Eliciting Anti-Inflammatory and Antibiofilm Properties. <i>ACS Omega</i> , 2018, 3, 9182-9190.	1.6	12
2946	Anti-inflammatory activities of <i>Aedes aegypti</i> cecropins and their protection against murine endotoxin shock. <i>Parasites and Vectors</i> , 2018, 11, 470.	1.0	17
2947	Design, synthesis, and structure&ndash;activity relationships of 2-benzylidene-1-indanone derivatives as anti-inflammatory agents for treatment of acute lung injury. <i>Drug Design, Development and Therapy</i> , 2018, Volume 12, 887-899.	2.0	15
2948	The Role of <i>Pseudomonas aeruginosa</i> ExoY in an Acute Mouse Lung Infection Model. <i>Toxins</i> , 2018, 10, 185.	1.5	18
2949	Surfactant protein C dampens inflammation by decreasing JAK/STAT activation during lung repair. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2018, 314, L882-L892.	1.3	40
2950	Network analysis of inflammatory responses to sepsis by neutrophils and peripheral blood mononuclear cells. <i>PLoS ONE</i> , 2018, 13, e0201674.	1.1	22
2952	Hypoxia Exacerbates Inflammatory Acute Lung Injury via the Toll-Like Receptor 4 Signaling Pathway. <i>Frontiers in Immunology</i> , 2018, 9, 1667.	2.2	58
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2956	Impaired CD8 T cell antiviral immunity following acute spinal cord injury. <i>Journal of Neuroinflammation</i> , 2018, 15, 149.	3.1	12
2957	The Evolving Erythrocyte: Red Blood Cells as Modulators of Innate Immunity. <i>Journal of Immunology</i> , 2018, 201, 1343-1351.	0.4	151
2958	Osteogenic Effect and Cell Signaling Activation of Extremely Low-Frequency Pulsed Electromagnetic Fields in Adipose-Derived Mesenchymal Stromal Cells. <i>Stem Cells International</i> , 2018, 2018, 1-11.	1.2	22
2959	RIP3 dependent NLRP3 inflammasome activation is implicated in acute lung injury in mice. <i>Journal of Translational Medicine</i> , 2018, 16, 233.	1.8	72
2960	Serum amyloid A promotes LPS clearance and suppresses LPS-induced inflammation and tissue injury. <i>EMBO Reports</i> , 2018, 19, .	2.0	93
2961	Precision Immunotherapy for Sepsis. <i>Frontiers in Immunology</i> , 2018, 9, 1926.	2.2	115
2962	The Value of Oxygenation Saturation Index in Predicting the Outcomes of Patients with Acute Respiratory Distress Syndrome. <i>Journal of Clinical Medicine</i> , 2018, 7, 205.	1.0	23
2963	The role of adenosine 1a receptor signaling on GFR early after the induction of sepsis. <i>American Journal of Physiology - Renal Physiology</i> , 2018, 314, F788-F797.	1.3	9
2964	Anti-apoptotic effects of autophagy via ROS regulation in microtubule-targeted and PDGF-stimulated vascular smooth muscle cells. <i>Korean Journal of Physiology and Pharmacology</i> , 2018, 22, 349.	0.6	13
2965	Proteo-metabolomics reveals compensation between ischemic and non-injured contralateral kidneys after reperfusion. <i>Scientific Reports</i> , 2018, 8, 8539.	1.6	39
2966	DNA methylation regulates the neonatal CD4+ T-cell response to pneumonia in mice. <i>Journal of Biological Chemistry</i> , 2018, 293, 11772-11783.	1.6	41
2967	The regulation of skeletal muscle fiber-type composition by betaine is associated with NFATc1/MyoD. <i>Journal of Molecular Medicine</i> , 2018, 96, 685-700.	1.7	20
2968	Electroporation-mediated delivery of FER gene enhances innate immune response and improves survival in a murine model of pneumonia. <i>Gene Therapy</i> , 2018, 25, 359-375.	2.3	16
2969	Structural centrosome aberrations sensitize polarized epithelia to basal cell extrusion. <i>Open Biology</i> , 2018, 8, .	1.5	14
2970	Pathology and causes of death in stranded humpback whales ( <i>Megaptera novaeangliae</i> ) from Brazil. <i>PLoS ONE</i> , 2018, 13, e0194872.	1.1	24
2971	Diagnostic yield and therapeutic impact of open lung biopsy in the critically ill patient. <i>PLoS ONE</i> , 2018, 13, e0196795.	1.1	17
2972	Impact of the driving pressure on mortality in obese and non-obese ARDS patients: a retrospective study of 362 cases. <i>Intensive Care Medicine</i> , 2018, 44, 1106-1114.	3.9	76

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2974	Protective mechanism of sulforaphane in Nrf2 and anti-lung injury in ARDS rabbits. <i>Experimental and Therapeutic Medicine</i> , 2018, 15, 4911-4915.	0.8	14
2975	Therapeutic inhibition of CXC chemokine receptor 2 by SB225002 attenuates LPS-induced acute lung injury in mice. <i>Archives of Medical Science</i> , 2018, 14, 635-644.	0.4	14
2976	Association of day 4 cumulative fluid balance with mortality in critically ill patients with influenza: A multicenter retrospective cohort study in Taiwan. <i>PLoS ONE</i> , 2018, 13, e0190952.	1.1	26
2977	Novel imaging approaches for small animal models of lung disease (2017 Grover Conference series). <i>Pulmonary Circulation</i> , 2018, 8, 1-9.	0.8	9
2978	Premise for Standardized Sepsis Models. <i>Shock</i> , 2019, 51, 4-9.	1.0	41
2979	Alterations in Mitochondrial Function in Blood Cells Obtained From Patients With Sepsis Presenting to an Emergency Department. <i>Shock</i> , 2019, 51, 580-584.	1.0	27
2980	Low to Moderate Air Pollutant Exposure and Acute Respiratory Distress Syndrome after Severe Trauma. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 62-70.	2.5	47
2981	Clinical implementation of electric impedance tomography in the treatment of ARDS: a single centre experience. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 291-300.	0.7	36
2982	Preventive effect on endothelial surface layer damage of Fusu agent in LPS-induced acute lung injury in rats. <i>Molecular and Cellular Biochemistry</i> , 2019, 450, 113-123.	1.4	7
2983	Oridonin Ameliorates Lipopolysaccharide-Induced Endometritis in Mice via Inhibition of the TLR-4/NF- $\kappa$ B pathway. <i>Inflammation</i> , 2019, 42, 81-90.	1.7	29
2984	Targeting redox regulation to treat substance use disorder using N-acetylcysteine. <i>European Journal of Neuroscience</i> , 2019, 50, 2538-2551.	1.2	17
2985	Osteopontin protects against lung injury caused by extracellular histones. <i>Mucosal Immunology</i> , 2019, 12, 39-50.	2.7	18
2986	Early Plasma Matrix Metalloproteinase Profiles. A Novel Pathway in Pediatric Acute Respiratory Distress Syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019, 199, 181-189.	2.5	35
2987	Analysis of the putative tumor suppressor gene <i>cdkn2ab</i> in pigment cells and melanoma of <i>Xiphophorus</i> and medaka. <i>Pigment Cell and Melanoma Research</i> , 2019, 32, 248-258.	1.5	15
2988	Risk factors and outcomes of acute respiratory distress syndrome in critically ill patients with cirrhosis. <i>Hepatology Research</i> , 2019, 49, 335-343.	1.8	23
2989	SB203580 attenuates acute lung injury and inflammation in rats with acute pancreatitis in pregnancy. <i>Inflammopharmacology</i> , 2019, 27, 99-107.	1.9	16
2990	Isoalantolactone suppresses LPS-induced inflammation by inhibiting TRAF6 ubiquitination and alleviates acute lung injury. <i>Acta Pharmacologica Sinica</i> , 2019, 40, 64-74.	2.8	46

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2991	Performance and applications of bedside visual inspection of airway pressureâ€‘time curve profiles for estimating stress index in patients with acute respiratory distress syndrome. <i>Journal of Clinical Monitoring and Computing</i> , 2019, 33, 281-290.	0.7	4
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2993	Advanced age protects resistance arteries of mouse skeletal muscle from oxidative stress through attenuating apoptosis induced by hydrogen peroxide. <i>Journal of Physiology</i> , 2019, 597, 3801-3816.	1.3	13
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3007	Protective role of thymoquinone in sepsis-induced liver injury in BALB/c mice. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 1985-1992.	0.8	3
3008	Cdc42 Deficiency Leads To Epidermal Barrier Dysfunction by Regulating Intercellular Junctions and Keratinization of Epidermal Cells during Mouse Skin Development. <i>Theranostics</i> , 2019, 9, 5065-5084.	4.6	14

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3017	Vascular Endothelium in Neonatal Sepsis: Basic Mechanisms and Translational Opportunities. <i>Frontiers in Pediatrics</i> , 2019, 7, 340.	0.9	24
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3033	Exploring new applications of tulip tree ( <i>Liriodendron tulipifera</i> L.): leaf essential oil as apoptotic agent for human glioblastoma. <i>Environmental Science and Pollution Research</i> , 2019, 26, 30485-30497.	2.7	15
3034	Postoperative acute exacerbation of interstitial pneumonia in pulmonary and non-pulmonary surgery: a retrospective study. <i>Respiratory Research</i> , 2019, 20, 154.	1.4	9
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3037	Classical dendritic cells regulate acute lung inflammation and injury in mice with lipopolysaccharide-induced acute respiratory distress syndrome. <i>International Journal of Molecular Medicine</i> , 2019, 44, 617-629.	1.8	33
3038	Induced pluripotent stem cell-derived endothelial cells attenuate lipopolysaccharide-induced acute lung injury. <i>Journal of Applied Physiology</i> , 2019, 127, 444-456.	1.2	7
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3051	HSP70 silencing aggravates apoptosis induced by hypoxia/reoxygenation in vitro. <i>Experimental and Therapeutic Medicine</i> , 2019, 18, 1013-1020.	0.8	12
3052	Association of the blood eosinophil count with end-organ symptoms. <i>Annals of Medicine and Surgery</i> , 2019, 45, 11-18.	0.5	11
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3054	Clinical predictors of renal non-recovery in acute respiratory distress syndrome. <i>BMC Nephrology</i> , 2019, 20, 255.	0.8	10
3055	Emodin reactivated autophagy and alleviated inflammatory lung injury in mice with lethal endotoxemia. <i>Experimental Animals</i> , 2019, 68, 559-568.	0.7	19
3056	Variable Ventilation Is Equally Effective as Conventional Pressure Control Ventilation for Optimizing Lung Function in a Rabbit Model of ARDS. <i>Frontiers in Physiology</i> , 2019, 10, 803.	1.3	15
3057	&lt;p&gt;Paclitaxel-loaded nanobubble targeted to pro-gastrin-releasing peptide inhibits the growth of small cell lung cancer&lt;/p&gt;. <i>Cancer Management and Research</i> , 2019, Volume 11, 6637-6649.	0.9	9
3058	Lung injury after asphyxia and hemorrhagic shock in newborn piglets: Analysis of structural and inflammatory changes. <i>PLoS ONE</i> , 2019, 14, e0219211.	1.1	9
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3061	Exosomes Derived From Septic Mouse Serum Modulate Immune Responses via Exosome-Associated Cytokines. <i>Frontiers in Immunology</i> , 2019, 10, 1560.	2.2	71
3062	Risk and Prognostic Factors in Very Old Patients with Sepsis Secondary to Community-Acquired Pneumonia. <i>Journal of Clinical Medicine</i> , 2019, 8, 961.	1.0	22
3063	Impact of inflammation on brain subcellular energetics in anesthetized rats. <i>BMC Neuroscience</i> , 2019, 20, 34.	0.8	16

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3065	Effects of crystalloid, hyper-oncotic albumin, and iso-oncotic albumin on lung and kidney damage in experimental acute lung injury. <i>Respiratory Research</i> , 2019, 20, 155.	1.4	12
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3074	The Effect of Positive End-Expiratory Pressure on Lung Micromechanics Assessed by Synchrotron Radiation Computed Tomography in an Animal Model of ARDS. <i>Journal of Clinical Medicine</i> , 2019, 8, 1117.	1.0	7
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3078	Lung protective ventilation and thoracic anesthesia. <i>Journal of Thoracic Disease</i> , 2019, 11, S1426-S1427.	0.6	2
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3080	Plasma receptor interacting protein kinase-3 levels are associated with acute respiratory distress syndrome in sepsis and trauma: a cohort study. <i>Critical Care</i> , 2019, 23, 235.	2.5	26
3081	<a href="http://www.w3.org/1998/Math/MathML">Resolvin D1 Alleviates Ventilator-Induced Lung Injury in Mice by Activating PPAR<math>\gamma</math></a> <a href="http://www.w3.org/1998/Math/MathML">xmlns:mml="http://www.w3.org/1998/Math/MathML"</a> <a href="http://www.w3.org/1998/Math/MathML">id="M1"&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;<math>\hat{\gamma}</math><sup>3</sup>&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;/NF&lt;mml:math</a> <a href="http://www.w3.org/1998/Math/MathML">xmlns:mml="http://www.w3.org/1998/Math/MathML"</a> <a href="http://www.w3.org/1998/Math/MathML">id="M2"&gt;&lt;mml:mrow&gt;&lt;mml:mi&gt;<math>\beta</math><sup>3</sup>&lt;/mml:mi&gt;&lt;/mml:mrow&gt;&lt;/mml:math&gt;B</a> Signaling Pathway. <i>BioMed Research International</i> , 2019, 2019, 1-9.	0.9	16

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3085	Epidemiology, Mechanical Power, and 3-Year Outcomes in Acute Respiratory Distress Syndrome Patients Using Standardized Screening. An Observational Cohort Study. <i>Annals of the American Thoracic Society</i> , 2019, 16, 1263-1272.	1.5	77
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3087	Extended Use of Extracorporeal Membrane Oxygenation for Acute Respiratory Distress Syndrome: A Retrospective Multicenter Study. <i>Tuberculosis and Respiratory Diseases</i> , 2019, 82, 251.	0.7	3
3088	Rare Lung Disease Research. <i>Chest</i> , 2019, 156, 438-444.	0.4	4
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3091	Evaluation of Anti-Inflammatory Properties of Herbal Aqueous Extracts and Their Chemical Characterization. <i>Journal of Medicinal Food</i> , 2019, 22, 861-873.	0.8	13
3092	Miliary Tuberculosis-Related Acute Respiratory Distress Syndrome Complicated with Hemophagocytic Lymphohistiocytosis Syndrome. <i>Case Reports in Infectious Diseases</i> , 2019, 2019, 1-4.	0.2	5
3093	Preoxygenation for tracheal intubation in critically ill patients: one technique does not fit all. <i>Journal of Thoracic Disease</i> , 2019, 11, S1299-S1303.	0.6	6
3094	Effects of Obesity on Pulmonary Inflammation and Remodeling in Experimental Moderate Acute Lung Injury. <i>Frontiers in Immunology</i> , 2019, 10, 1215.	2.2	31
3095	Upregulation of proBDNF in the Mesenteric Lymph Nodes in Septic Mice. <i>Neurotoxicity Research</i> , 2019, 36, 540-550.	1.3	14
3096	Clinical outcomes of patients treated with intravenous zanamivir for severe influenza A(H1N1)pdm09 infection: a case report series. <i>BMC Infectious Diseases</i> , 2019, 19, 858.	1.3	4
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3102	Rickettsia typhi infection presenting as severe ARDS. <i>IDCases</i> , 2019, 18, e00645.	0.4	6
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3104	Complement and coagulation cascades in trauma. <i>Acute Medicine &amp; Surgery</i> , 2019, 6, 329-335.	0.5	31
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3106	A rare case of acute respiratory distress syndrome caused by use of gadolinium-based magnetic resonance imaging contrast media. <i>Respirology Case Reports</i> , 2019, 7, e00483.	0.3	6
3107	Differential effects of extracellular vesicles from aging and young mesenchymal stem cells in acute lung injury. <i>Aging</i> , 2019, 11, 7996-8014.	1.4	92
3108	Cumulative fluid balance predicts mortality and increases time on mechanical ventilation in ARDS patients: An observational cohort study. <i>PLoS ONE</i> , 2019, 14, e0224563.	1.1	60
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3111	Does the antisecretory peptide AF-16 reduce lung oedema in experimental ARDS?. <i>Upsala Journal of Medical Sciences</i> , 2019, 124, 246-253.	0.4	2
3112	Inoculation Pneumonia Caused by Coagulase Negative Staphylococcus. <i>Frontiers in Microbiology</i> , 2019, 10, 2198.	1.5	8
3113	Exosomes Released by Bone Marrow Mesenchymal Stem Cells Attenuate Lung Injury Induced by Intestinal Ischemia Reperfusion via the TLR4/NF- $\kappa$ B Pathway. <i>International Journal of Medical Sciences</i> , 2019, 16, 1238-1244.	1.1	80
3114	Volume noncompliance and transfusion are essential for transfusion-associated circulatory overload: a novel animal model. <i>Transfusion</i> , 2019, 59, 3617-3627.	0.8	11
3115	Nanoparticle-induced neutrophil apoptosis increases survival in sepsis and alleviates neurological damage in stroke. <i>Science Advances</i> , 2019, 5, eaax7964.	4.7	114
3116	Mesenchymal stromal cell conditioned media for lung disease: a systematic review and meta-analysis of preclinical studies. <i>Respiratory Research</i> , 2019, 20, 239.	1.4	19
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3119	Comparison of postoperative complications between segmentectomy and lobectomy by video-assisted thoracic surgery: a multicenter study. <i>Journal of Cardiothoracic Surgery</i> , 2019, 14, 189.	0.4	44
3120	Deletion of Neuropeptide Y Attenuates Cardiac Dysfunction and Apoptosis During Acute Myocardial Infarction. <i>Frontiers in Pharmacology</i> , 2019, 10, 1268.	1.6	16
3121	Fibrinogen-like protein 2 controls sepsis catabasis by interacting with resolvin Dp5. <i>Science Advances</i> , 2019, 5, eaax0629.	4.7	13
3122	Tim-3 signaling blockade with $\alpha$ -lactose induces compensatory TIGIT expression in <i>Plasmodium berghei</i> ANKA-infected mice. <i>Parasites and Vectors</i> , 2019, 12, 534.	1.0	14
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3125	Risk factors of frailty and death or only frailty after intensive care in non-frail elderly patients: a prospective non-interventional study. <i>Journal of Intensive Care</i> , 2019, 7, 48.	1.3	9
3126	Imidazo[2,1- <i>b</i> ]thiazole-Coupled Natural Noscapine Derivatives as Anticancer Agents. <i>ACS Omega</i> , 2019, 4, 19382-19398.	1.6	24
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3128	Extracorporeal membrane oxygenation for acute respiratory distress syndrome in burn patients: A case series and literature update. <i>Burns and Trauma</i> , 2019, 7, 28.	2.3	21
3129	Understanding Infection-Induced Thrombosis: Lessons Learned From Animal Models. <i>Frontiers in Immunology</i> , 2019, 10, 2569.	2.2	114
3130	Effect of lung recruitment maneuver on oxygenation, physiological parameters and mortality in acute respiratory distress syndrome patients: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2019, 45, 1691-1702.	3.9	44
3131	Ulinastatin treatment for acute respiratory distress syndrome in China: a meta-analysis of randomized controlled trials. <i>BMC Pulmonary Medicine</i> , 2019, 19, 196.	0.8	30
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3344	A consensus redefinition of transfusion-related acute lung injury. <i>Transfusion</i> , 2019, 59, 2465-2476.	0.8	120
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3412	Inflammatory lung injury in rabbits: effects of high-frequency oscillatory ventilation in the prone position. <i>Jornal Brasileiro De Pneumologia</i> , 2019, 45, e20180067.	0.4	3
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3542	In-line filtration of intravenous infusion may reduce organ dysfunction of adult critical patients. <i>Critical Care</i> , 2019, 23, 373.	2.5	8
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3869	Pneumomediastinum and subcutaneous emphysema in COVID-19: barotrauma or lung frailty?. <i>ERJ Open Research</i> , 2020, 6, 00385-2020.	1.1	109
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3931	Plausible computational insights and new atomic-level perspective of epicatechin gallate from <i>Crataegus oxyacantha</i> extract in preventing caspase 3 activation in conditions like post-myocardial infarction. <i>Journal of Biomolecular Structure and Dynamics</i> , 2022, 40, 3400-3415.	2.0	4
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3936	The feasibility and safety of radical esophagectomy in patients receiving neoadjuvant chemoradiotherapy with pembrolizumab for esophageal squamous cell carcinoma. <i>Journal of Thoracic Disease</i> , 2020, 12, 6426-6434.	0.6	30
3937	Role of Complement and Histones in Sepsis. <i>Frontiers in Medicine</i> , 2020, 7, 616957.	1.2	20
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3945	Refining the Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 1094-1096.	0.2	0
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3949	Targeting neutrophil extracellular traps in severe acute pancreatitis treatment. <i>Therapeutic Advances in Gastroenterology</i> , 2020, 13, 175628482097491.	1.4	14
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3960	Predictive Accuracy of COVID-19 World Health Organization (WHO) Severity Classification and Comparison with a Bayesian-Method-Based Severity Score (EPI-SCORE). <i>Pathogens</i> , 2020, 9, 880.	1.2	31
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3962	Real-Time Effort Driven Ventilator Management: A Pilot Study*. <i>Pediatric Critical Care Medicine</i> , 2020, 21, 933-940.	0.2	15
3963	Comparison of Mortality Rate and Severity of Pulmonary Involvement in Coronavirus Disease-2019 Adult Patients With and Without Type 2 Diabetes: A Cohort Study. <i>Canadian Journal of Diabetes</i> , 2021, 45, 524-530.	0.4	7
3964	Priming with FLO8-deficient <i>Candida albicans</i> induces Th1-biased protective immunity against lethal polymicrobial sepsis. <i>Cellular and Molecular Immunology</i> , 2020, 18, 2010-2023.	4.8	8
3965	Prevalence and Outcomes of Acute Hypoxaemic Respiratory Failure in Wales: The PANDORA-WALES Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3521.	1.0	7
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3967	Co-Delivery of CPT-11 and Panobinostat with Anti-GD2 Antibody Conjugated Immunoliposomes for Targeted Combination Chemotherapy. <i>Cancers</i> , 2020, 12, 3211.	1.7	22
3968	Characteristics and Outcomes in Patients with Ventilator-Associated Pneumonia Who Do or Do Not Develop Acute Respiratory Distress Syndrome. An Observational Study. <i>Journal of Clinical Medicine</i> , 2020, 9, 3508.	1.0	1
3969	Mesenchymal Stem Cells in Acute Respiratory Distress Syndrome Supported with Extracorporeal Membrane Oxygenation. Lost in Translational Research?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020, 202, 314-315.	2.5	1
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3971	Experimental Approaches to Evaluate Leukocyteâ€“Endothelial Cell Interactions in Sepsis and Inflammation. <i>Shock</i> , 2020, 53, 585-595.	1.0	12
3972	Transmission and clinical characteristics of coronavirus disease 2019 in 104 outsideâ€Wuhan patients, China. <i>Journal of Medical Virology</i> , 2020, 92, 2027-2035.	2.5	50
3973	Mesenchymal stem cell use in acute respiratory distress syndrome: a potential therapeutic application. <i>Future Science OA</i> , 2020, 6, FSO584.	0.9	3
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3997	COVID-19 and its implications for thrombosis and anticoagulation. <i>Blood</i> , 2020, 135, 2033-2040.	0.6	1,892
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3999	Epidemiological and clinical characteristics of discharged patients infected with SARS-CoV-2 on the Qinghai Plateau. <i>Journal of Medical Virology</i> , 2020, 92, 2528-2535.	2.5	21
4000	The unleashing of the immune system in COVID-19 and sepsis: the calm before the storm?. <i>Inflammation Research</i> , 2020, 69, 757-763.	1.6	25
4001	Puerarin Increases Survival and Protects Against Organ Injury by Suppressing NF- $\kappa$ B/JNK Signaling in Experimental Sepsis. <i>Frontiers in Pharmacology</i> , 2020, 11, 560.	1.6	19
4002	High mortality in COVID-19 patients with mild respiratory disease. <i>European Journal of Clinical Investigation</i> , 2020, 50, e13314.	1.7	34
4003	Non-Overt Coagulopathy in Non-ICU Patients with Mild to Moderate COVID-19 Pneumonia. <i>Journal of Clinical Medicine</i> , 2020, 9, 1781.	1.0	28
4004	Geriatric nutritional risk index is associated with 30-day mortality in patients with acute respiratory distress syndrome. <i>Medicine (United States)</i> , 2020, 99, e20671.	0.4	7
4005	Targeting the NLRP3 Inflammasome in Severe COVID-19. <i>Frontiers in Immunology</i> , 2020, 11, 1518.	2.2	329
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4008	<scp>COVID</scp> -19 acute respiratory distress syndrome ( <scp>ARDS</scp> ): clinical features and differences from typical pre- <scp>COVID</scp> -19 <scp>ARDS</scp>. <i>Medical Journal of Australia</i> , 2020, 213, 54.	0.8	441
4009	Treatment of severe sepsis with nanoparticulate cell-free DNA scavengers. <i>Science Advances</i> , 2020, 6, eaay7148.	4.7	94
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4011	Tailored Functionalized Magnetic Nanoparticles to Target Breast Cancer Cells Including Cancer Stem-Like Cells. <i>Cancers</i> , 2020, 12, 1397.	1.7	13
4012	Combination of Ruxolitinib and Eculizumab for Treatment of Severe SARS-CoV-2-Related Acute Respiratory Distress Syndrome: A Controlled Study. <i>Frontiers in Pharmacology</i> , 2020, 11, 857.	1.6	105

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4014	Influence of quality of intensive care on quality of life/return to work in survivors of the acute respiratory distress syndrome: prospective observational patient cohort study (DACAPO). <i>BMC Public Health</i> , 2020, 20, 861.	1.2	18
4015	Risk of Acute Respiratory Distress Syndrome Among Older Adults Living Near Construction and Manufacturing Sites. <i>Epidemiology</i> , 2020, 31, 468-477.	1.2	5
4016	The Inhibitory Effect of Curcumin on Virus-Induced Cytokine Storm and Its Potential Use in the Associated Severe Pneumonia. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 479.	1.8	100
4017	Administration of $\Delta^9$ -Tetrahydrocannabinol (THC) Post-Staphylococcal Enterotoxin B Exposure Protects Mice From Acute Respiratory Distress Syndrome and Toxicity. <i>Frontiers in Pharmacology</i> , 2020, 11, 893.	1.6	19
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4118	Cathelicidin preserves intestinal barrier function in polymicrobial sepsis. <i>Critical Care</i> , 2020, 24, 47.	2.5	31
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4160	COVID-19: The Uninvited Guest in the Intensive Care Unit – Implications for Pharmacotherapy. <i>Pharmacotherapy</i> , 2020, 40, 382-386.	1.2	8
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4312	Molecular Changes in Circulating microRNAs’ Expression and Oxidative Stress in Adults with Mild Cognitive Impairment: A Biochemical and Molecular Study. <i>Clinical Interventions in Aging</i> , 2021, Volume 16, 57-70.	1.3	16
4313	Profiles of differentially expressed long noncoding RNAs and messenger RNAs in the myocardium of septic mice. <i>Annals of Translational Medicine</i> , 2021, 9, 199-199.	0.7	4
4314	– type I IFN, prothrombotic hyperinflammatory neutrophil signature is distinct for COVID-19 ARDS–. <i>Wellcome Open Research</i> , 2021, 6, 38.	0.9	29
4315	Plasma Nucleosomes Are Associated With Mortality in Pediatric Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2021, 49, 1149-1158.	0.4	6
4316	Thrombosis and Haemostasis challenges in COVID-19 – Therapeutic perspectives of heparin and tissue-type plasminogen activator and potential toxicological reactions-a mini review. <i>Food and Chemical Toxicology</i> , 2021, 148, 111974.	1.8	12
4317	Characterization of a Murine Model System to Study MicroRNA-147 During Inflammatory Organ Injury. <i>Inflammation</i> , 2021, 44, 1426-1440.	1.7	6
4318	Assessment of Right Ventricular Function With CT and Echocardiography in Patients With Severe Acute Respiratory Distress Syndrome on Extracorporeal Membrane Oxygenation. , 2021, 3, e0345.		9
4319	A neutrophil activation signature predicts critical illness and mortality in COVID-19. <i>Blood Advances</i> , 2021, 5, 1164-1177.	2.5	241
4320	A conserved long noncoding RNA, GAPLINC, modulates the immune response during endotoxic shock. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	21
4321	Angiopietin-2 outperforms other endothelial biomarkers associated with severe acute kidney injury in patients with severe sepsis and respiratory failure. <i>Critical Care</i> , 2021, 25, 48.	2.5	29
4322	Comparing Clinical Features and Outcomes in Mechanically Ventilated Patients with COVID-19 and Acute Respiratory Distress Syndrome. <i>Annals of the American Thoracic Society</i> , 2021, 18, 1876-1885.	1.5	34
4323	Moesin Is a Novel Biomarker of Endothelial Injury in Sepsis. <i>Journal of Immunology Research</i> , 2021, 2021, 1-14.	0.9	7

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4325	Characteristics, management and survival of ICU patients with coronavirus disease-19 in Norway, March-June 2020. A prospective observational study. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 618-628.	0.7	30
4326	A Role for Extracellular Vesicles in SARS-CoV-2 Therapeutics and Prevention. <i>Journal of Neuroimmune Pharmacology</i> , 2021, 16, 270-288.	2.1	30
4327	HFOV vs CMV for neonates with moderate-to-severe perinatal onset acute respiratory distress syndrome (NARDS): a propensity score analysis. <i>European Journal of Pediatrics</i> , 2021, 180, 2155-2164.	1.3	6
4328	MicroRNA-17-3p suppresses NF- $\kappa$ B-mediated endothelial inflammation by targeting NIK and IKK $\beta$ binding protein. <i>Acta Pharmacologica Sinica</i> , 2021, 42, 2046-2057.	2.8	7
4329	Extracorporeal membrane oxygenation in patients with severe respiratory failure from COVID-19. <i>Intensive Care Medicine</i> , 2021, 47, 208-221.	3.9	143
4330	Innate Immune Cells and Hypertension: Neutrophils and Neutrophil Extracellular Traps (NETs). , 2021, 11, 1575-1589.		23
4331	The early use of sepsis scores to predict respiratory failure and mortality in non-ICU patients with COVID-19. <i>Revista Clínica Española</i> , 2021, , .	0.3	4
4332	Inpatient and Postdischarge Outcomes Following Inhalation Injury Among Critically Injured Burn Patients. <i>Journal of Burn Care and Research</i> , 2021, 42, 1168-1175.	0.2	5
4333	In-hospital mortality from severe COVID-19 in a tertiary care center in Mexico City; causes of death, risk factors and the impact of hospital saturation. <i>PLoS ONE</i> , 2021, 16, e0245772.	1.1	94
4334	The effects of UCP2 on autophagy through the AMPK signaling pathway in septic cardiomyopathy and the underlying mechanism. <i>Annals of Translational Medicine</i> , 2021, 9, 259-259.	0.7	16
4335	Risk factors for mortality due to COVID-19 in intensive care units: a single-center study. <i>Annals of Translational Medicine</i> , 2021, 9, 276-276.	0.7	0
4336	Association between Cumulative Fluid Balance and Outcomes in Acute Respiratory Distress Syndrome Patients Treated with Extracorporeal Membrane Oxygenation. <i>Journal of Chest Surgery</i> , 2021, 54, 36-44.	0.2	2
4337	The clinical characteristics and prognosis of COVID-19 patients with comorbidities: a retrospective analysis of the infection peak in Wuhan. <i>Annals of Translational Medicine</i> , 2021, 9, 280-280.	0.7	9
4338	Breath-Synchronized Nebulized Surfactant in a Porcine Model of Acute Respiratory Distress Syndrome. , 2021, 3, e0338.		6
4339	Precision medicine in acute respiratory distress syndrome: workshop report and recommendations for future research. <i>European Respiratory Review</i> , 2021, 30, 200317.	3.0	34
4340	National incidence rate and related mortality for acute respiratory distress syndrome in France. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , 2021, 40, 100795.	0.6	3
4341	Prediction of Apnea Testing Duration to Ensure Safety During Brain Death Assessment. <i>Respiratory Care</i> , 2021, 66, 793-797.	0.8	0

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4342	Timing of VVâ€ECMO therapy implementation influences prognosis of COVIDâ€19 patients. <i>Physiological Reports</i> , 2021, 9, e14715.	0.7	32
4343	Targeting inflammatory cytokine storm to fight against COVID-19 associated severe complications. <i>Life Sciences</i> , 2021, 267, 118923.	2.0	28
4344	Role of ROX index in the first assessment of COVID-19 patients in the emergency department. <i>Internal and Emergency Medicine</i> , 2021, 16, 1959-1965.	1.0	25
4345	The transmembrane protein LRIG1 triggers melanocytic tumor development following chemically induced skin carcinogenesis. <i>Molecular Oncology</i> , 2021, 15, 2140-2155.	2.1	3
4346	NEK1 deficiency affects mitochondrial functions and the transcriptome of key DNA repair pathways. <i>Mutagenesis</i> , 2021, 36, 223-236.	1.0	8
4347	Predictive factors of six-week mortality in critically ill patients with SARS-CoV-2: A multicenter prospective study. <i>Medicina Intensiva</i> , 2022, 46, 179-191.	0.4	17
4348	PD-L1 <sup>+</sup> neutrophils contribute to injury-induced infection susceptibility. <i>Science Advances</i> , 2021, 7, .	4.7	24
4349	Recent advances in dead cell clearance during acute lung injury and repair. <i>Faculty Reviews</i> , 2021, 10, 33.	1.7	9
4350	How the Heart Was Involved in COVID-19 during the First Pandemic Phase: A Review. <i>Epidemiologia</i> , 2021, 2, 124-139.	1.1	2
4351	Clinical Effect of Traditional Chinese Medicine Shenhuang Granule in Critically Ill Patients with COVID-19: A Single-Centered, Retrospective, Observational Study. <i>Journal of Microbiology and Biotechnology</i> , 2021, 31, 380-386.	0.9	14
4352	Prone Positioning in Spontaneously Breathing Subjects With Moderate or Severe ARDS During Invasive Ventilation. <i>Respiratory Care</i> , 2021, 66, 724-732.	0.8	3
4353	Therapeutic efficacy, mechanical ventilation, length of hospital stay, and mortality rate in severe COVIDâ€19 patients treated with tocilizumab. <i>International Journal of Clinical Practice</i> , 2021, 75, e14079.	0.8	8
4354	Obesity and Critical Illness in COVIDâ€19: Respiratory Pathophysiology. <i>Obesity</i> , 2021, 29, 870-878.	1.5	23
4355	A narrative review on characterization of acute respiratory distress syndrome in COVID-19-infected lungs using artificial intelligence. <i>Computers in Biology and Medicine</i> , 2021, 130, 104210.	3.9	46
4356	Pathophysiology of light phenotype SARS-CoV-2 interstitial pneumonia: from histopathological features to clinical presentations. <i>Pulmonology</i> , 2022, 28, 333-344.	1.0	17
4357	Prevalence and risk factors of barotrauma in Covid-19 patients admitted to an intensive care unit in Kuwait; a retrospective cohort study. <i>Annals of Medicine and Surgery</i> , 2021, 63, 102141.	0.5	20
4358	Early Improvement of Acute Respiratory Distress Syndrome in Patients With COVID-19 in the Intensive Care Unit: Retrospective Analysis. <i>JMIR Public Health and Surveillance</i> , 2021, 7, e24843.	1.2	3
4359	RNA-dependent RNA polymerase (RdRp) inhibitors: The current landscape and repurposing for the COVID-19 pandemic. <i>European Journal of Medicinal Chemistry</i> , 2021, 213, 113201.	2.6	137



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4361	Nanoplatforms for Sepsis Management: Rapid Detection/Warning, Pathogen Elimination and Restoring Immune Homeostasis. <i>Nano-Micro Letters</i> , 2021, 13, 88.	14.4	10
4362	A DARPIn targeting activated Mac-1 is a novel diagnostic tool and potential anti-inflammatory agent in myocarditis, sepsis and myocardial infarction. <i>Basic Research in Cardiology</i> , 2021, 116, 17.	2.5	12
4363	Human neutrophil membrane-derived nanovesicles as a drug delivery platform for improved therapy of infectious diseases. <i>Acta Biomaterialia</i> , 2021, 123, 354-363.	4.1	29
4364	Epithelium- and endothelium-derived exosomes regulate the alveolar macrophages by targeting RGS1 mediated calcium signaling-dependent immune response. <i>Cell Death and Differentiation</i> , 2021, 28, 2238-2256.	5.0	33
4365	Targeting alveolar-specific succinate dehydrogenase A attenuates pulmonary inflammation during acute lung injury. <i>FASEB Journal</i> , 2021, 35, e21468.	0.2	20
4366	Spontaneous Versus Controlled Mechanical Ventilation in Patients with Acute Respiratory Distress Syndrome. <i>Current Anesthesiology Reports</i> , 2021, 11, 85-91.	0.9	6
4367	Cancer vs. SARS-CoV-2 induced inflammation, overlapping functions, and pharmacological targeting. <i>Inflammopharmacology</i> , 2021, 29, 343-366.	1.9	9
4368	Implementation of Multimodality Neurologic Monitoring Reporting in Pediatric Traumatic Brain Injury Management. <i>Neurocritical Care</i> , 2021, 35, 3-15.	1.2	22
4369	Mesenchymal Stem Cell Therapy for Severe COVID-19 ARDS. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 681-688.	1.3	47
4370	S1P Generation by Sphingosine Kinase-2 in Recruited Macrophages Resolves Lung Inflammation by Blocking STING Signaling in Alveolar Macrophages. , 2021, 2, .		2
4371	Vitamin D deficiency in critically ill COVID-19 ARDS patients. <i>Clinical Nutrition</i> , 2022, 41, 3089-3095.	2.3	24
4372	Two Hours of In Vivo Lung Perfusion Improves Lung Function in Sepsis-Induced Acute Respiratory Distress Syndrome. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2022, 34, 337-346.	0.4	3
4373	Mechanical Ventilation and Coronavirus Disease 2019: A Case-Control Analysis of Clinical Characteristics, Lung Mechanics, and Mortality. , 2021, 3, e0377.		2
4374	Genetic disruption of WASHC4 drives endo-lysosomal dysfunction and cognitive-movement impairments in mice and humans. <i>ELife</i> , 2021, 10, .	2.8	28
4375	Depletion of Arg/Abl2 improves endothelial cell adhesion and prevents vascular leak during inflammation. <i>Angiogenesis</i> , 2021, 24, 677-693.	3.7	19
4376	Colchicine and SARS-CoV-2: Management of the hyperinflammatory state. <i>Respiratory Medicine</i> , 2021, 178, 106322.	1.3	44
4377	Analysis of Inflammatory Mediator Profiles in Sepsis Patients Reveals That Extracellular Histones Are Strongly Elevated in Nonsurvivors. <i>Mediators of Inflammation</i> , 2021, 2021, 1-13.	1.4	8

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4378	The Effect of Chronic and Inhospital Exposure to Renin-Angiotensin System Inhibitors on the Outcome and Inflammatory State of Coronavirus Disease 2019 Adult Inpatients. <i>International Journal of Hypertension</i> , 2021, 2021, 1-9.	0.5	2
4379	Clinical outcome with different doses of low-molecular-weight heparin in patients hospitalized for COVID-19. <i>Journal of Thrombosis and Thrombolysis</i> , 2021, 52, 782-790.	1.0	17
4380	Ventilated Patients With COVID-19 Show Airflow Obstruction. <i>Journal of Intensive Care Medicine</i> , 2021, 36, 696-703.	1.3	5
4381	Macrophages augment the skeletal muscle proinflammatory response through TNF $\alpha$ following LPS-induced acute lung injury. <i>FASEB Journal</i> , 2021, 35, e21462.	0.2	7
4382	Early awake proning in critical and severe COVID-19 patients undergoing noninvasive respiratory support: A retrospective multicenter cohort study. <i>Pulmonology</i> , 2022, 28, 181-192.	1.0	32
4383	Two-months quality of life of COVID-19 invasively ventilated survivors; an Italian single-center study. <i>Acta Anaesthesiologica Scandinavica</i> , 2021, 65, 912-920.	0.7	39
4384	High versus low positive end-expiratory pressure (PEEP) levels for mechanically ventilated adult patients with acute lung injury and acute respiratory distress syndrome. <i>The Cochrane Library</i> , 2021, 2021, CD009098.	1.5	12
4385	Xuebijing Protects Against Septic Acute Liver Injury Based on Regulation of GSK-3 $\beta$ Pathway. <i>Frontiers in Pharmacology</i> , 2021, 12, 627716.	1.6	13
4386	A narrative review of changes in microvascular permeability after burn. <i>Annals of Translational Medicine</i> , 2021, 9, 719-719.	0.7	8
4387	Cardiovascular Risk Factors Among Patients Infected with COVID-19 in Saudi Arabia. <i>Vascular Health and Risk Management</i> , 2021, Volume 17, 161-168.	1.0	9
4388	Inflammation, immunity and potential target therapy of SARS-COV-2: A total scale analysis review. <i>Food and Chemical Toxicology</i> , 2021, 150, 112087.	1.8	17
4389	Enhanced endothelial barrier function by monoclonal antibody activation of vascular endothelial cadherin. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2021, 320, H1403-H1410.	1.5	4
4390	ARDS Outcomes in Non-Research Subjects Assessed by Generalized Prospective Trial Eligibility Criteria and Adherence to Lung-Protective Ventilation. <i>Respiratory Care</i> , 2021, 66, 1380-1388.	0.8	2
4391	UCHL1, a deubiquitinating enzyme, regulates lung endothelial cell permeability in vitro and in vivo. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L497-L507.	1.3	15
4392	Ferritinophagy is involved in the zinc oxide nanoparticles-induced ferroptosis of vascular endothelial cells. <i>Autophagy</i> , 2021, 17, 4266-4285.	4.3	162
4393	Early hematological indicators of severe COVID-19 disease in hospitalized patients: Data from a South Asian population. <i>International Journal of Laboratory Hematology</i> , 2021, 43, 1237-1242.	0.7	6
4394	The ROX index can be a useful tool for the triage evaluation of COVID-19 patients with dyspnoea. <i>Journal of Advanced Nursing</i> , 2021, 77, 3361-3369.	1.5	15
4395	A predictive score at admission for respiratory failure among hospitalized patients with confirmed 2019 Coronavirus Disease: a simple tool for a complex problem. <i>Internal and Emergency Medicine</i> , 2021, 1.	1.0	7

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4397	Association between serum adiponin and plaque vulnerability determined by optical coherence tomography in patients with coronary artery disease. <i>Journal of Thoracic Disease</i> , 2021, 13, 2414-2425.	0.6	3
4398	Invasive and noninvasive ventilation strategies for acute respiratory failure in children with coronavirus disease 2019. <i>Current Opinion in Pediatrics</i> , 2021, 33, 311-318.	1.0	5
4399	Interleukin 6, soluble interleukin 2 receptor alpha (CD25), monocyte colony-stimulating factor, and hepatocyte growth factor linked with systemic hyperinflammation, innate immunity hyperactivation, and organ damage in COVID-19 pneumonia. <i>Cytokine</i> , 2021, 140, 155438.	1.4	44
4400	iRGD conjugated nimbolide liposomes protect against endotoxin induced acute respiratory distress syndrome. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2021, 33, 102351.	1.7	11
4401	Comparison of severe pediatric complicated influenza patients with and without neurological involvement. <i>Medicine (United States)</i> , 2021, 100, e25716.	0.4	1
4402	Comparison of host endothelial, epithelial and inflammatory response in ICU patients with and without COVID-19: a prospective observational cohort study. <i>Critical Care</i> , 2021, 25, 148.	2.5	26
4403	Neutrophil-Derived Tumor Necrosis Factor Drives Fungal Acute Lung Injury in Chronic Granulomatous Disease. <i>Journal of Infectious Diseases</i> , 2021, 224, 1225-1235.	1.9	7
4404	Downregulation of miR-497-5p Improves Sepsis-Induced Acute Lung Injury by Targeting IL2RB. <i>BioMed Research International</i> , 2021, 2021, 1-13.	0.9	6
4405	Predictors of Mortality in Critically Ill COVID-19 Patients Demanding High Oxygen Flow: A Thin Line between Inflammation, Cytokine Storm, and Coagulopathy. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-9.	1.9	26
4406	Botanical formulation, TADIOS, alleviates lipopolysaccharide (LPS)-Induced acute lung injury in mice via modulation of the Nrf2-HO-1 signaling pathway. <i>Journal of Ethnopharmacology</i> , 2021, 270, 113795.	2.0	19
4407	Lymphopenia Is Associated With Poor Outcomes of Patients With Community-Acquired Pneumonia and Sepsis. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab169.	0.4	20
4408	Rapid clinical evolution for COVID-19 translates into early hospital admission and unfavourable outcome: A preliminary report. <i>Multidisciplinary Respiratory Medicine</i> , 2021, 16, 744.	0.6	0
4409	Identifying clinical and biochemical phenotypes in acute respiratory distress syndrome secondary to coronavirus disease-2019. <i>EClinicalMedicine</i> , 2021, 34, 100829.	3.2	28
4410	HMGB1/TLR4 Signaling Affects Regulatory T Cells in Acute Lung Injury. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 1551-1561.	1.6	10
4411	Dose-related effects of dexmedetomidine on sepsis-initiated lung injury in rats. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2021, 71, 271-277.	0.2	3
4412	Early risk factors for extrapulmonary organ injury in adult COVID-19 patients. <i>Annals of Translational Medicine</i> , 2021, 9, 701-701.	0.7	2
4413	Early experience with COVID-19 patients in a private tertiary hospital in the Philippines: Implications on surge capacity, healthcare systems response, and clinical care. <i>Clinical Epidemiology and Global Health</i> , 2021, 10, 100695.	0.9	10

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4414	Major publications in the critical care pharmacotherapy literature: 2019. <i>Journal of Critical Care</i> , 2021, 62, 197-205.	1.0	4
4415	Validation of sepsis-induced coagulopathy score in critically ill patients with septic shock: post hoc analysis of a nationwide multicenter observational study in Japan. <i>International Journal of Hematology</i> , 2021, 114, 164-171.	0.7	9
4416	Targeting Toll-Like Receptors in Sepsis: From Bench to Clinical Trials. <i>Antioxidants and Redox Signaling</i> , 2021, 35, 1324-1339.	2.5	23
4417	Depletion of hsa_circ_0000144 Suppresses Oxaliplatin Resistance of Gastric Cancer Cells by Regulating miR-502-5p/ADAM9 Axis. <i>OncoTargets and Therapy</i> , 2021, Volume 14, 2773-2787.	1.0	13
4418	Pulmonary Complications of COVID-19. <i>Sultan Qaboos University Medical Journal</i> , 2022, 22, 138-143.	0.3	0
4419	The effect of preemptive airway pressure release ventilation on patients with high risk for acute respiratory distress syndrome: a randomized controlled trial. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2022, 72, 29-36.	0.2	1
4420	Diannexin Can Ameliorate Acute Respiratory Distress Syndrome in Rats by Promoting Heme Oxygenase-1 Expression. <i>Mediators of Inflammation</i> , 2021, 2021, 1-10.	1.4	3
4421	Hypoxia drives murine neutrophil protein scavenging to maintain central carbon metabolism. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	21
4422	Critical Care Outreach Team During COVID-19: Ventilatory Support in the Ward and Outcomes. <i>Respiratory Care</i> , 2021, 66, 928-935.	0.8	4
4423	Predictors of Length of Hospital Stay, Mortality, and Outcomes Among Hospitalised COVID-19 Patients in Saudi Arabia: A Cross-Sectional Study. <i>Journal of Multidisciplinary Healthcare</i> , 2021, Volume 14, 839-852.	1.1	62
4424	Deformable microparticles for shuttling nanoparticles to the vascular wall. <i>Science Advances</i> , 2021, 7, .	4.7	28
4425	Central Nervous System Manifestations of COVID-19: A Critical Review and Proposed Research Agenda. <i>Journal of the International Neuropsychological Society</i> , 2022, 28, 311-325.	1.2	11
4426	Longitudinal profiling of respiratory and systemic immune responses reveals myeloid cell-driven lung inflammation in severe COVID-19. <i>Immunity</i> , 2021, 54, 797-814.e6.	6.6	272
4427	Promoting Evidence-Based Practice in Acute Respiratory Distress Syndrome: A Systematic Review. , 2021, 3, e0391.		5
4428	Clinical characteristics and outcomes of COVID-19 patients with diabetes mellitus in Kuwait. <i>Heliyon</i> , 2021, 7, e06706.	1.4	18
4429	Corticosteroids in COVID-19 and non-COVID-19 ARDS: a systematic review and meta-analysis. <i>Intensive Care Medicine</i> , 2021, 47, 521-537.	3.9	148
4430	Pathophysiology and pharmacological management of pulmonary and cardiovascular features of COVID-19. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 153, 72-85.	0.9	12
4431	Itaconate ameliorates methicillin-resistant <i>Staphylococcus aureus</i> -induced acute lung injury through the Nrf2/ARE pathway. <i>Annals of Translational Medicine</i> , 2021, 9, 712-712.	0.7	20

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4432	Hypoalbuminemia on admission in COVID-19 infection: An early predictor of mortality and adverse events. A retrospective observational study. <i>Medicina Clínica (English Edition)</i> , 2021, 156, 428-436.	0.1	19
4433	Mangiferin Mitigates Lipopolysaccharide-Induced Lung Injury by Inhibiting NLRP3 Inflammasome Activation. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 2289-2300.	1.6	21
4434	Postintubation Decline in Oxygen Saturation Index Predicts Mortality in COVID-19: A Retrospective Pilot Study. <i>Critical Care Research and Practice</i> , 2021, 2021, 1-9.	0.4	1
4435	Association between tachyarrhythmia and mortality in a cohort of critically ill patients with coronavirus disease 2019 (COVID-19). <i>Annals of Translational Medicine</i> , 2021, 9, 883-883.	0.7	7
4436	Effect of spontaneous breathing on ventilator-free days in critically ill patients—an analysis of patients in a large observational cohort. <i>Annals of Translational Medicine</i> , 2021, 9, 783-783.	0.7	1
4437	Acute respiratory distress syndrome (ARDS) as an adverse event following immunization: Case definition & guidelines for data collection, analysis, and presentation of immunization safety data. <i>Vaccine</i> , 2021, 39, 3028-3036.	1.7	5
4438	Tracheostomy for COVID-19 Respiratory Failure. <i>Annals of Surgery</i> , 2021, 274, 234-239.	2.1	25
4439	Chronic Oral Anticoagulation and Clinical Outcome in Hospitalized COVID-19 Patients. <i>Cardiovascular Drugs and Therapy</i> , 2022, 36, 705-712.	1.3	15
4440	Comparative immune profiling of acute respiratory distress syndrome patients with or without SARS-CoV-2 infection. <i>Cell Reports Medicine</i> , 2021, 2, 100291.	3.3	17
4441	Vaccine-associated enhanced disease: Case definition and guidelines for data collection, analysis, and presentation of immunization safety data. <i>Vaccine</i> , 2021, 39, 3053-3066.	1.7	66
4442	A neutrophil subset defined by intracellular olfactomedin 4 is associated with mortality in sepsis. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 320, L892-L902.	1.3	21
4443	Prediction of Extubation Failure in COVID-19. <i>Respiratory Care</i> , 2021, 66, 1323-1329.	0.8	1
4444	Histopathological findings and clinicopathologic correlation in COVID-19: a systematic review. <i>Modern Pathology</i> , 2021, 34, 1614-1633.	2.9	84
4445	COVID-19 ARDS Is Characterized by Increased Dead Space Ventilation Compared With Non-COVID ARDS. <i>Respiratory Care</i> , 2021, 66, 1406-1415.	0.8	10
4446	Hemostatic factors, inflammatory markers, and risk of incident venous thromboembolism: The Multi-Ethnic Study of Atherosclerosis. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 1718-1728.	1.9	8
4447	AICAR decreases acute lung injury by phosphorylating AMPK and upregulating heme oxygenase-1. <i>European Respiratory Journal</i> , 2021, 58, 2003694.	3.1	22
4448	Correlation of Oxygenation and Radiographic Assessment of Lung Edema (RALE) Score to Lung Ultrasound Score (LUS) in Acute Respiratory Distress Syndrome (ARDS) Patients in the Intensive Care Unit. <i>Canadian Journal of Respiratory Therapy</i> , 2021, 57, 53-59.	0.2	7
4449	NETosis in the pathogenesis of acute lung injury following cutaneous chemical burns. <i>JCI Insight</i> , 2021, 6, .	2.3	24

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4450	Using Liposomes to Alleviate the Toxicity of Chelerythrine, a Natural PKC Inhibitor, in Treating Non-Small Cell Lung Cancer. <i>Frontiers in Oncology</i> , 2021, 11, 658543.	1.3	3
4451	Trend and Pattern of 100 Acute Respiratory Distress Syndrome Patients Referred for Venovenous Extracorporeal Membrane Oxygenation Treatment in a National Referral Center in North Italy During the Last Decade. <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , 2021, , .	0.6	3
4452	In-hospital mortality of pulmonary tuberculosis with acute respiratory failure and related clinical risk factors. <i>Journal of Clinical Tuberculosis and Other Mycobacterial Diseases</i> , 2021, 23, 100236.	0.6	2
4453	Non-invasive positive pressure ventilation versus endotracheal intubation in treatment of COVID-19 patients requiring ventilatory support. <i>American Journal of Emergency Medicine</i> , 2021, 43, 103-108.	0.7	30
4454	Magnetic resonance imaging under isoflurane anesthesia alters cortical cyclooxygenase-2 expression and glial cell morphology during sepsis-associated neurological dysfunction in rats. <i>Animal Models and Experimental Medicine</i> , 2021, 4, 249-260.	1.3	6
4455	Timing and Clinical Significance of Fluid Overload in Pediatric Acute Respiratory Distress Syndrome*. <i>Pediatric Critical Care Medicine</i> , 2021, 22, 795-805.	0.2	22
4456	Intravenous immunoglobulin treatment for patients with severe COVID-19: a retrospective multicentre study. <i>Clinical Microbiology and Infection</i> , 2021, 27, 1488-1493.	2.8	16
4457	Urinary Trypsin Inhibitor Protects Tight Junctions of Septic Pulmonary Capillary Endothelial Cells by Regulating the Functions of Macrophages. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 1973-1989.	1.6	3
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4571	Tissue Kallikrein Exacerbating Sepsis-Induced Endothelial Hyperpermeability is Highly Predictive of Severity and Mortality in Sepsis. <i>Journal of Inflammation Research</i> , 2021, Volume 14, 3321-3333.	1.6	5
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4581	Effects of fatty acid nitroalkanes on signal transduction pathways and airway macrophage activation. <i>Innate Immunity</i> , 2021, 27, 353-364.	1.1	1
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4584	Prevention and therapy of SARS-CoV-2 and the B.1.351 variant in mice. <i>Cell Reports</i> , 2021, 36, 109450.	2.9	38
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4587	Pulmonary Function and Radiologic Features in Survivors of Critical COVID-19. <i>Chest</i> , 2021, 160, 187-198.	0.4	164
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4601	The SARS-CoV-2 spike protein subunit S1 induces COVID-19-like acute lung injury in $\beta$ 18-hACE2 transgenic mice and barrier dysfunction in human endothelial cells. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021, 321, L477-L484.	1.3	82
4602	Intratracheal transplantation of trophoblast stem cells attenuates acute lung injury in mice. <i>Stem Cell Research and Therapy</i> , 2021, 12, 487.	2.4	1
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5222	Prone positioning for non-intubated spontaneously breathing patients with acute hypoxaemic respiratory failure: a systematic review and meta-analysis. <i>British Journal of Anaesthesia</i> , 2022, 128, 352-362.	1.5	50
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5285	Pharmacological targeting of ROS reaction network in myeloid leukemia cells monitored by ultra-weak photon emission. <i>Oncotarget</i> , 2018, 9, 2028-2034.	0.8	4
5286	Unilateral acute respiratory distress syndrome with contralateral pulmonary artery agenesis: A rare scenario. <i>Anesthesia: Essays and Researches</i> , 2018, 12, 765.	0.2	0
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5292	Introduction to Journal of Thoracic Disease new column: Critical Care Frontier and Horizon. <i>Journal of Thoracic Disease</i> , 2018, 10, 5605-5606.	0.6	0
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5361	Clinical Course of Pediatric Acute Respiratory Distress Syndrome at Moderate Altitude. <i>Cureus</i> , 2020, 12, e10651.	0.2	0
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5514	Identification of a regulatory pathway inhibiting adipogenesis via RSPO2. <i>Nature Metabolism</i> , 2022, 4, 90-105.	5.1	39
5515	Umbilical Cord-derived Mesenchymal Stem Cells with Surfactant Protein B Alleviates Inflammatory Response in Acute Respiratory Distress Syndrome by Regulating Macrophage Polarization. <i>Balkan Medical Journal</i> , 2022, 39, 130-139.	0.3	3
5516	Acute Respiratory Distress Syndrome in Pregnancy. <i>Indian Journal of Critical Care Medicine</i> , 2022, 25, S241-S247.	0.3	8
5517	Assessment of fluid unresponsiveness guided by lung ultrasound in abdominal surgery: a prospective cohort study. <i>Scientific Reports</i> , 2022, 12, 1350.	1.6	0
5518	Inhibition of Matrix Metalloproteinase-8 Protects Against Sepsis Serum Mediated Leukocyte Adhesion. <i>Frontiers in Medicine</i> , 2022, 9, 814890.	1.2	3
5519	Associated Factors of High Sedative Requirements within Patients with Moderate to Severe COVID-19 ARDS. <i>Journal of Clinical Medicine</i> , 2022, 11, 588.	1.0	8

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5521	The Rationale and Current Status of Endotoxin Adsorption in the Treatment of Septic Shock. <i>Journal of Clinical Medicine</i> , 2022, 11, 619.	1.0	13
5522	SARS-CoV-2 Infection Triggers Auto-Immune Response in ARDS. <i>Frontiers in Immunology</i> , 2022, 13, 732197.	2.2	14
5523	Secondary infections in a cohort of patients with COVID-19 admitted to an intensive care unit: impact of gram-negative bacterial resistance. <i>Revista Do Instituto De Medicina Tropical De Sao Paulo</i> , 2022, 64, e6.	0.5	17
5524	Lung Injury and Repair in Coronavirus Disease 2019-Related Acute Lung Injury. <i>American Journal of Pathology</i> , 2022, 192, 406-409.	1.9	4
5525	GPR174 mRNA Acts as a Novel Prognostic Biomarker for Patients With Sepsis via Regulating the Inflammatory Response. <i>Frontiers in Immunology</i> , 2021, 12, 789141.	2.2	2
5526	Outcomes of Herpes Simplex Virus Pneumonitis in Critically Ill Patients. <i>Viruses</i> , 2022, 14, 205.	1.5	3
5527	Indolicidin revisited: biological activity, potential applications and perspectives of an antimicrobial peptide not yet fully explored. <i>World Journal of Microbiology and Biotechnology</i> , 2022, 38, 39.	1.7	17
5528	Construction of a potential microRNA and messenger RNA regulatory network of acute lung injury in mice. <i>Scientific Reports</i> , 2022, 12, 777.	1.6	4
5529	Precision medicine in sepsis and septic shock: From omics to clinical tools. <i>World Journal of Critical Care Medicine</i> , 2022, 11, 1-21.	0.8	20
5530	Physiotherapy management for COVID-19 in the acute hospital setting and beyond: an update to clinical practice recommendations. <i>Journal of Physiotherapy</i> , 2022, 68, 8-25.	0.7	31
5531	Timing to Intubation COVID-19 Patients: Can We Put It Off until Tomorrow?. <i>Healthcare (Switzerland)</i> , 2022, 10, 206.	1.0	2
5533	Lactylated Histone H3K18 as a Potential Biomarker for the Diagnosis and Predicting the Severity of Septic Shock. <i>Frontiers in Immunology</i> , 2021, 12, 786666.	2.2	21
5534	Regulation of Developmental Cell Death in the Animal Kingdom: A Critical Analysis of Epigenetic versus Genetic Factors. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1154.	1.8	1
5535	LncRNA-XIST Promotes Proliferation and Migration in ox-LDL Stimulated Vascular Smooth Muscle Cells through miR-539-5p/SPP1 Axis. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-16.	1.9	5
5536	A functionally distinct neutrophil landscape in severe COVID-19 reveals opportunities for adjunctive therapies. <i>JCI Insight</i> , 2022, 7, .	2.3	28
5537	Alveolar epithelial glycocalyx degradation mediates surfactant dysfunction and contributes to acute respiratory distress syndrome. <i>JCI Insight</i> , 2022, 7, .	2.3	24
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5541	Long non-coding RNA NEAT1 participates in ventilator-induced lung injury by regulating miR-20b expression. <i>Molecular Medicine Reports</i> , 2022, 25, .	1.1	4
5542	The role of mechanical ventilation in primary graft dysfunction in the postoperative lung transplant recipient: A single center study and literature review. <i>Acta Anaesthesiologica Scandinavica</i> , 2022, 66, 483-496.	0.7	7
5543	Assessment of 5-year outcomes of life satisfaction in survivors after rehabilitation programs: a multicenter clinical trial. <i>Scientific Reports</i> , 2022, 12, 1497.	1.6	1
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5546	Bulbus Fritillariae Cirrhosae as a Respiratory Medicine: Is There a Potential Drug in the Treatment of COVID-19?. <i>Frontiers in Pharmacology</i> , 2021, 12, 784335.	1.6	12
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5551	Complexity of the Diagnosis of COVID-19 in the Context of Pandemicity: Need for Excellence in Diagnostic Acumen. <i>Korean Journal of Family Medicine</i> , 2022, 43, 16-26.	0.4	0
5552	LPS induces rapid increase in GDF15 levels in mice, rats, and humans but is not required for anorexia in mice. <i>American Journal of Physiology - Renal Physiology</i> , 2022, 322, G247-G255.	1.6	8
5553	Improving delivery of low tidal volume ventilation in 10 ICUs. <i>BMJ Open Quality</i> , 2022, 11, e001343.	0.4	1
5554	Correlation of non-invasive oxygenation parameters with paO <sub>2</sub> /FiO <sub>2</sub> ratio in patients with COVID-19 associated ARDS. <i>European Journal of Internal Medicine</i> , 2022, 96, 117-119.	1.0	6
5555	Assessment of respiratory support decision and the outcome of invasive mechanical ventilation in severe COVID-19 with ARDS. <i>Journal of Intensive Medicine</i> , 2022, 2, 92-102.	0.8	2
5556	Lung- and Diaphragm-Protective Ventilation by Titrating Inspiratory Support to Diaphragm Effort: A Randomized Clinical Trial. <i>Critical Care Medicine</i> , 2022, 50, 192-203.	0.4	21

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5557	The Role of Connexin Hemichannels in Inflammatory Diseases. <i>Biology</i> , 2022, 11, 237.	1.3	18
5558	Pharmacological Inhibition of FAK-Pyk2 Pathway Protects Against Organ Damage and Prolongs the Survival of Septic Mice. <i>Frontiers in Immunology</i> , 2022, 13, 837180.	2.2	7
5559	Update on the Features and Measurements of Experimental Acute Lung Injury in Animals: An Official American Thoracic Society Workshop Report. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, e1-e14.	1.4	82
5560	Geoeconomic variations in epidemiology, ventilation management, and outcomes in invasively ventilated intensive care unit patients without acute respiratory distress syndrome: a pooled analysis of four observational studies. <i>The Lancet Global Health</i> , 2022, 10, e227-e235.	2.9	16
5561	Cardiac complications in a geriatric population hospitalized with COVID-19: The OCTA-COVID cohort. <i>Revista Espanola De Geriatria Y Gerontologia</i> , 2022, 57, 63-70.	0.2	4
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5563	Renal consequences of the novel coronavirus disease 2019 (COVID-19) and hydrogen sulfide as a potential therapy. <i>Nitric Oxide - Biology and Chemistry</i> , 2022, 120, 16-25.	1.2	6
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5565	Influence of chronic use of corticosteroids and calcineurin inhibitors on COVID-19 clinical outcomes: analysis of a nationwide registry. <i>International Journal of Infectious Diseases</i> , 2022, 116, 51-58.	1.5	17
5566	Clinical and laboratory predictors at ICU admission affecting course of illness and mortality rates in a tertiary COVID-19 center. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2022, 53, 1-10.	0.8	13
5567	Clinical Characteristics and Outcomes of COVID-19 Acute Respiratory Distress Syndrome Patients Requiring Invasive Mechanical Ventilation in a Lower Middle-Income Country. <i>The Journal of Critical Care Medicine</i> , 2022, 8, 23-32.	0.3	4
5568	Endothelial dysfunction assessed by brachial artery flow-mediated dilatation predicts severe COVID-19-related disease. <i>Journal of Family Medicine and Primary Care</i> , 2022, 11, 319.	0.3	2
5569	Advances in research on the effects of platelet activation in acute lung injury (Review). <i>Biomedical Reports</i> , 2022, 16, 17.	0.9	5
5570	Automatic Lung Segmentation and Quantification of Aeration in Computed Tomography of the Chest Using 3D Transfer Learning. <i>Frontiers in Physiology</i> , 2021, 12, 725865.	1.3	4
5571	Pink1/Parkin-Mediated Mitophagy Regulated the Apoptosis of Dendritic Cells in Sepsis. <i>Inflammation</i> , 2022, 45, 1374-1387.	1.7	5
5572	A siRNA targets and inhibits a broad range of SARS-€CoV-€2 infections including Delta variant. <i>EMBO Molecular Medicine</i> , 2022, 14, e15298.	3.3	23
5573	Epithelial LIF signaling limits apoptosis and lung injury during bacterial pneumonia. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 322, L550-L563.	1.3	5
5574	ECMO Long Haulers: A Distinct Phenotype of COVID-19-€Associated ARDS With Implications for Lung Transplant Candidacy. <i>Transplantation</i> , 2022, 106, e202-e211.	0.5	15

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5576	Disulfiram inhibits neutrophil extracellular trap formation and protects rodents from acute lung injury and SARS-CoV-2 infection. <i>JCI Insight</i> , 2022, 7, .	2.3	54
5577	Glibenclamide Alleviates LPS-Induced Acute Lung Injury through NLRP3 Inflammasome Signaling Pathway. <i>Mediators of Inflammation</i> , 2022, 2022, 1-12.	1.4	7
5578	SP-D and CC-16 Pneumoproteins' Kinetics and Their Predictive Role During SARS-CoV-2 Infection. <i>Frontiers in Medicine</i> , 2021, 8, 761299.	1.2	7
5579	The Study on the Regulation of Th Cells by Mesenchymal Stem Cells Through the JAK-STAT Signaling Pathway to Protect Naturally Aged Sepsis Model Rats. <i>Frontiers in Immunology</i> , 2022, 13, 820685.	2.2	11
5580	ADAM8 signaling drives neutrophil migration and ARDS severity. <i>JCI Insight</i> , 2022, 7, .	2.3	18
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5582	Knockdown of receptor interacting protein 140 (RIP140) alleviated lipopolysaccharide-induced inflammation, apoptosis and permeability in pulmonary microvascular endothelial cells by regulating C-terminal binding protein 2 (CTBP2). <i>Bioengineered</i> , 2022, 13, 3981-3992.	1.4	4
5583	Development and Validation of the Acute PNeumonia Early Assessment Score for Safely Discharging Low-Risk SARS-CoV-2-Infected Patients from the Emergency Department. <i>Journal of Clinical Medicine</i> , 2022, 11, 881.	1.0	3
5584	Association of COVID-19-Associated Pulmonary Aspergillosis with Cytomegalovirus Replication: A Caseâ€“Control Study. <i>Journal of Fungi (Basel, Switzerland)</i> , 2022, 8, 161.	1.5	5
5585	Prognostic value of copeptin and midâ€“regional proadrenomedullin in COVIDâ€“19â€“hospitalized patients. <i>European Journal of Clinical Investigation</i> , 2022, 52, e13753.	1.7	13
5586	Resveratrol: Potential Application in Sepsis. <i>Frontiers in Pharmacology</i> , 2022, 13, 821358.	1.6	8
5587	Imatinib and methazolamide ameliorate COVID-19-induced metabolic complications via elevating ACE2 enzymatic activity and inhibiting viral entry. <i>Cell Metabolism</i> , 2022, 34, 424-440.e7.	7.2	32
5588	A 4-Benzene-Indol Derivative Alleviates LPS-Induced Acute Lung Injury Through Inhibiting the NLRP3 Inflammasome. <i>Frontiers in Immunology</i> , 2022, 13, 812164.	2.2	8
5589	Impact of Right Ventricularâ€“Pulmonary Circulation Coupling on Mortality in SARSâ€“CoVâ€“2 Infection. <i>Journal of the American Heart Association</i> , 2022, 11, e023220.	1.6	7
5590	The neglected pathogen: case reports of severe lower respiratory tract infection by human coronavirus 229E. <i>Access Microbiology</i> , 2022, 4, 000311.	0.2	0
5591	Prediction of Conventional Oxygen Therapy Failure in COVID-19 Patients With Acute Respiratory Failure by Assessing Serum Lactate Concentration, PaO <sub>2</sub> /FiO <sub>2</sub> Ratio, and Body Temperature. <i>Cureus</i> , 2022, 14, e21987.	0.2	5
5592	Alterations in the gut microbiome and metabolome profiles of septic rats treated with aminophylline. <i>Journal of Translational Medicine</i> , 2022, 20, 69.	1.8	5

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5594	PARP-1 Inhibition Repressed Imbalance of Th17 and Treg Cells in Preterm Rats with Intrauterine Infection-Induced Acute Respiratory Distress Syndrome by Reducing the Expression Level of IL-6. <i>Journal of Healthcare Engineering</i> , 2022, 2022, 1-9.	1.1	2
5595	Retroviral infection of human neurospheres and use of stem Cell EVs to repair cellular damage. <i>Scientific Reports</i> , 2022, 12, 2019.	1.6	6
5596	Electroacupuncture Alleviates LPS-Induced ARDS Through $\alpha 7$ Nicotinic Acetylcholine Receptor-Mediated Inhibition of Ferroptosis. <i>Frontiers in Immunology</i> , 2022, 13, 832432.	2.2	17
5597	Blockade of caspase cascade overcomes malaria-associated acute respiratory distress syndrome in mice. <i>Cell Death and Disease</i> , 2022, 13, 144.	2.7	7
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5599	Acute respiratory distress syndrome precipitated by granulocyte colony-stimulating factor in undiagnosed <i>Pneumocystis jirovecii</i> pneumonia. <i>BMJ Case Reports</i> , 2022, 15, e242316.	0.2	1
5600	Tetracycline ameliorates silica-induced pulmonary inflammation and fibrosis via inhibition of caspase-1. <i>Respiratory Research</i> , 2022, 23, 21.	1.4	6
5601	Early Clinical and Electrophysiological Brain Dysfunction Is Associated With ICU Outcomes in COVID-19 Critically Ill Patients With Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2022, Publish Ahead of Print, .	0.4	4
5602	Lung-Dependent Areas Collapse, Monitored by Electrical Impedance Tomography, May Predict the Oxygenation Response to Prone Ventilation in COVID-19 Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , 2022, Publish Ahead of Print, .	0.4	5
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5604	Non-invasive oxygenation support in acutely hypoxemic COVID-19 patients admitted to the ICU: a multicenter observational retrospective study. <i>Critical Care</i> , 2022, 26, 37.	2.5	15
5605	Veno-venous extracorporeal membrane oxygenation (vv-ECMO) for severe respiratory failure in adult cancer patients: a retrospective multicenter analysis. <i>Intensive Care Medicine</i> , 2022, 48, 332-342.	3.9	25
5606	Prognostic significance of day-to-day in-hospital blood pressure variability in COVID-19 patients with hypertension. <i>Journal of Clinical Hypertension</i> , 2022, 24, 224-233.	1.0	5
5607	Dexamethasone-loaded ROS-responsive poly(thioetheral) nanoparticles suppress inflammation and oxidative stress of acute lung injury. <i>Bioactive Materials</i> , 2022, 14, 430-442.	8.6	29
5608	Metabolic Syndrome and Acute Respiratory Distress Syndrome in Hospitalized Patients With COVID-19. <i>JAMA Network Open</i> , 2021, 4, e2140568.	2.8	39
5609	Long noncoding RNAs Colorectal Neoplasia Differentially Expressed and taurine-upregulated gene 1 are downregulated in sepsis and positively regulate each other to suppress the apoptosis of cardiomyocytes. <i>Bioengineered</i> , 2021, 12, 11369-11375.	1.4	1
5610	GPA Peptide Attenuates Sepsis-Induced Acute Lung Injury in Mice via Inhibiting Oxidative Stress and Pyroptosis of Alveolar Macrophage. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	1.9	37

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5612	Alveolar, Endothelial, and Organ Injury Marker Dynamics in Severe COVID-19. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2022, 205, 507-519.	2.5	56
5613	Predictors of high flow oxygen therapy failure in COVID-19-related severe hypoxemic respiratory failure. <i>Journal of Thoracic Disease</i> , 2022, 14, 851-856.	0.6	3
5614	A combination of the APACHE II score, neutrophil/lymphocyte ratio, and expired tidal volume could predict non-invasive ventilation failure in pneumonia-induced mild to moderate acute respiratory distress syndrome patients. <i>Annals of Translational Medicine</i> , 2022, 10, 407-407.	0.7	3
5615	Good survival rate, moderate overall and good respirator quality of life, near normal pulmonary functions, and good return to work despite catastrophic economic costs 6 months following recovery from Acute Respiratory Distress Syndrome. <i>Lung India</i> , 2022, 39, 169.	0.3	0
5616	circRNA_0001679/miR-338-3p/DUSP16 axis aggravates acute lung injury. <i>Open Medicine (Poland)</i> , 2022, 17, 403-413.	0.6	16
5617	Echocardiography with tissue Doppler imaging may help in bedside differential diagnosis of pulmonary oedema in pregnancy: case report. <i>Anaesthesiology Intensive Therapy</i> , 2022, 54, 91-93.	0.4	1
5618	Higher mortality of hospitalized haematologic patients with COVID-19 compared to non-haematologic is driven by thrombotic complications and development of ARDS: An age-matched cohorts study. <i>Clinical Infection in Practice</i> , 2022, 13, 100137.	0.2	5
5619	Toosendanin, a novel potent vacuolar-type H <sup>+</sup> -translocating ATPase inhibitor, sensitizes cancer cells to chemotherapy by blocking protective autophagy. <i>International Journal of Biological Sciences</i> , 2022, 18, 2684-2702.	2.6	12
5620	All trans retinoic acid as a host-directed immunotherapy for tuberculosis. <i>Current Research in Immunology</i> , 2022, 3, 54-72.	1.2	6
5621	Sex Differences in Use of Low Tidal Volume Ventilation in COVID-19—Insights From the PROVENT—COVID Study. <i>Frontiers in Medicine</i> , 2021, 8, 780005.	1.2	3
5622	Monitoring Cellular Proliferation, Migration, and Apoptosis Associated with Atherosclerosis Plaques In Vitro. <i>Methods in Molecular Biology</i> , 2022, 2419, 133-167.	0.4	3
5623	Prognostic factors and outcomes in COVID-19 patients requiring prolonged mechanical ventilation: a retrospective cohort study. <i>Therapeutic Advances in Respiratory Disease</i> , 2022, 16, 175346662210864.	1.0	7
5624	Dapagliflozin Ameliorates Lipopolysaccharide Related Acute Kidney Injury in Mice with Streptozotocin-induced Diabetes Mellitus. <i>International Journal of Medical Sciences</i> , 2022, 19, 729-739.	1.1	13
5625	MicroRNA-128b mediates lipopolysaccharide-induced apoptosis via reactive oxygen species in human pulmonary microvascular endothelial cells. <i>Clinics</i> , 2022, 77, 100020.	0.6	1
5626	Lockdown surgery: the impact of coronavirus disease 2019 measures on cardiac cases. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2022, 35, .	0.5	1
5627	D-dimer, CRP, PCT, and IL-6 Levels at Admission to ICU Can Predict In-Hospital Mortality in Patients with COVID-19 Pneumonia. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-9.	1.9	40
5628	Amelioration of Endotoxin-Induced Acute Lung Injury and Alveolar Epithelial Cells Apoptosis by Simvastatin Is Associated with Up-Regulation of Survivin/NF- $\kappa$ B/p65 Pathway. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2596.	1.8	8

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5631	Skin cancer, including related pathways and therapy and the role of luteolin derivatives as potential therapeutics. <i>Medicinal Research Reviews</i> , 2022, 42, 1423-1462.	5.0	19
5632	Comparison of high-flow nasal oxygen therapy and noninvasive ventilation in COVID-19 patients: a systematic review and meta-analysis. <i>Acute and Critical Care</i> , 2022, 37, 71-83.	0.6	6
5633	Downregulation of macrophage migration inhibitory factor attenuates NLRP3 inflammasome mediated pyroptosis in sepsis-induced AKI. <i>Cell Death Discovery</i> , 2022, 8, 61.	2.0	26
5634	Methylprednisolone Pulses in Hospitalized COVID-19 Patients Without Respiratory Failure: A Randomized Controlled Trial. <i>Frontiers in Medicine</i> , 2022, 9, 807981.	1.2	8
5635	Rhubarb Alleviates Acute Lung Injury by Modulating Gut Microbiota Dysbiosis in Mice. <i>Current Microbiology</i> , 2022, 79, 116.	1.0	11
5636	Adrenomedullin Therapy in Moderate to Severe COVID-19. <i>Biomedicines</i> , 2022, 10, 533.	1.4	8
5637	Distinct Serotypes of Streptococcal M Proteins Mediate Fibrinogen-Dependent Platelet Activation and Proinflammatory Effects. <i>Infection and Immunity</i> , 2022, 90, IAI0046221.	1.0	4
5638	A cortactin CTTN coding SNP contributes to lung vascular permeability and inflammatory disease severity in African descent subjects. <i>Translational Research</i> , 2022, 244, 56-74.	2.2	6
5639	Biomarkers Predicting Tissue Pharmacokinetics of Antimicrobials in Sepsis: A Review. <i>Clinical Pharmacokinetics</i> , 2022, 61, 593-617.	1.6	14
5640	Treatment of Human Glioblastoma U251 Cells with Sulforaphane and a Peptide Nucleic Acid (PNA) Targeting miR-15b-5p: Synergistic Effects on Induction of Apoptosis. <i>Molecules</i> , 2022, 27, 1299.	1.7	15
5641	A Nomogram-Based Model to Predict Respiratory Dysfunction at 6 Months in Non-Critical COVID-19 Survivors. <i>Frontiers in Medicine</i> , 2022, 9, 781410.	1.2	3
5642	Highly Pathogenic PRRSV-Infected Alveolar Macrophages Impair the Function of Pulmonary Microvascular Endothelial Cells. <i>Viruses</i> , 2022, 14, 452.	1.5	16
5643	Human Endometrial Organoids: Recent Research Progress and Potential Applications. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 844623.	1.8	3
5644	Imatinib-induced hepatotoxicity via oxidative stress and activation of NLRP3 inflammasome: an in vitro and in vivo study. <i>Archives of Toxicology</i> , 2022, 96, 1075-1087.	1.9	5
5645	Respiratory and circulatory insufficiency during emergent long-distance critical care interhospital transports to tertiary care in a sparsely populated region: a retrospective analysis of late mortality risk. <i>BMJ Open</i> , 2022, 12, e051217.	0.8	0
5646	Lung failure after polytrauma with concomitant thoracic trauma in the elderly: an analysis from the TraumaRegister DGU®. <i>World Journal of Emergency Surgery</i> , 2022, 17, 12.	2.1	5

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5647	Definition of Acute Respiratory Distress Syndrome on the Plateau of Xining, Qinghai: A Verification of the Berlin Definition Altitude-PaO <sub>2</sub> /FiO <sub>2</sub> -Corrected Criteria. <i>Frontiers in Medicine</i> , 2022, 9, 648835.	1.2	1
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5918	Role of extracellular vesicles in severe pneumonia and sepsis. <i>Expert Opinion on Biological Therapy</i> , 2022, 22, 747-762.	1.4	8
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5923	Steen solution protects pulmonary microvascular endothelial cells and preserves endothelial barrier after lipopolysaccharide-induced injury. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2023, 165, e5-e20.	0.4	6
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6085	NOX4 Mediates Epithelial Cell Death in Hyperoxic Acute Lung Injury Through Mitochondrial Reactive Oxygen Species. <i>Frontiers in Pharmacology</i> , 2022, 13, .	1.6	3
6086	NecroX-5 ameliorates bleomycin-induced pulmonary fibrosis via inhibiting NLRP3-mediated epithelialâ€mesenchymal transition. <i>Respiratory Research</i> , 2022, 23, .	1.4	6
6087	Postinjury complement C4 activation is associated with adverse outcomes and is potentially influenced by plasma resuscitation. <i>Journal of Trauma and Acute Care Surgery</i> , 2022, 93, 588-596.	1.1	8
6088	COVID-19 Vaccination Status Among Adults Admitted to Intensive Care Units in Veneto, Italy. <i>JAMA Network Open</i> , 2022, 5, e2213553.	2.8	12
6089	Cynarin attenuates LPS-induced endothelial inflammation via upregulation of the negative regulator MKP-3. <i>Animal Cells and Systems</i> , 2022, 26, 119-128.	0.8	10
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6091	Identification of a Ferroptosis-Related Prognostic Signature in Sepsis via Bioinformatics Analyses and Experiment Validation. <i>BioMed Research International</i> , 2022, 2022, 1-14.	0.9	6
6092	An Insight into Recent Advances on Platelet Function in Health and Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6022.	1.8	15
6093	Timing of vasoactive agents and corticosteroid initiation in septic shock. <i>Annals of Intensive Care</i> , 2022, 12, .	2.2	23
6094	Programmed multi-level ventilation in COVID-19-related acute respiratory distress syndrome: a multi-center retrospective observational study. <i>Journal of International Medical Research</i> , 2022, 50, 030006052211019.	0.4	0
6095	Cardiolipin Biosynthesis Genes Are Not Required for <i>Salmonella enterica</i> Serovar Typhimurium Pathogenesis in C57BL/6J Mice. <i>Microbiology Spectrum</i> , 0, , .	1.2	1
6096	Hyperlipemia pancreatitis onset time affects the association between elevated serum triglyceride levels and disease severity. <i>Lipids in Health and Disease</i> , 2022, 21, .	1.2	2
6097	Differential Functional Responses of Neutrophil Subsets in Severe COVID-19 Patients. <i>Frontiers in Immunology</i> , 2022, 13, .	2.2	10
6098	Ventilatory Ratio Is a Valuable Prognostic Indicator in an Observational Cohort of Patients With ARDS. <i>Respiratory Care</i> , 2022, 67, 1075-1081.	0.8	4
6099	Excess Tidal Volume Ventilation in Critically Ill Adults Receiving Adaptive Pressure Control: A Cohort Study. <i>Annals of the American Thoracic Society</i> , 2022, 19, 1942-1945.	1.5	2
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6104	Cytokine Profiles as Potential Prognostic and Therapeutic Markers in SARS-CoV-2-Induced ARDS. <i>Journal of Clinical Medicine</i> , 2022, 11, 2951.	1.0	48
6105	Neurogenesis Is Increased in Human Neural Stem Cells by A $\beta$ 240 Peptide. <i>International Journal of Molecular Sciences</i> , 2022, 23, 5820.	1.8	7
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6110	Flow-controlled ventilation in moderate acute respiratory distress syndrome due to COVID-19: an open-label repeated-measures controlled trial. <i>Intensive Care Medicine Experimental</i> , 2022, 10, .	0.9	4
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6113	Quantitative image analysis in COVID-19 acute respiratory distress syndrome: a cohort observational study. <i>F1000Research</i> , 0, 10, 1266.	0.8	0
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6115	A crosstalk between gut and brain in sepsis-induced cognitive decline. <i>Journal of Neuroinflammation</i> , 2022, 19, .	3.1	29
6116	Macrophage-Targeted Nanomedicines for ARDS/ALI: Promise and Potential. <i>Inflammation</i> , 2022, 45, 2124-2141.	1.7	10
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6122	Protective effect of remote liver ischemic postconditioning on pulmonary ischemia and reperfusion injury in diabetic and non-diabetic rats. <i>PLoS ONE</i> , 2022, 17, e0268571.	1.1	1
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6134	Lung Recruitment Maneuvers Assessment by Bedside Lung Ultrasound in Pediatric Acute Respiratory Distress Syndrome. <i>Children</i> , 2022, 9, 789.	0.6	1
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6146	Improvement of surgical techniques for orthotopic single lung transplantation in rats. <i>Annals of Translational Medicine</i> , 2021, .	0.7	0
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6158	Repositioning of Quinazolidinedione-Based Compounds on Soluble Epoxide Hydrolase (sEH) through 3D Structure-Based Pharmacophore Model-Driven Investigation. <i>Molecules</i> , 2022, 27, 3866.	1.7	3
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6162	Risk factors for acute respiratory distress syndrome in sepsis patients: a retrospective study from a tertiary hospital in China. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	7
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6171	Identification of different proteins binding to Na, K-ATPase Î±1 in LPS-induced ARDS cell model by proteomic analysis. <i>Proteome Science</i> , 2022, 20, .	0.7	2
6172	New Insights into Clinical and Mechanistic Heterogeneity of the Acute Respiratory Distress Syndrome: Summary of the Aspen Lung Conference 2021. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 67, 284-308.	1.4	9
6173	Exogenous H <sub>2</sub> S Protects against Septic Cardiomyopathy by Inhibiting Autophagy through the AMPK/mTOR Pathway. <i>Contrast Media and Molecular Imaging</i> , 2022, 2022, 1-8.	0.4	2
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6176	Management of paediatric acute respiratory distress syndrome. <i>BJA Education</i> , 2022, , .	0.6	0
6177	Diabetes Exacerbates Sepsis-Induced Neuroinflammation and Brain Mitochondrial Dysfunction. <i>Inflammation</i> , 2022, 45, 2352-2367.	1.7	7
6178	Single-cell transcriptomics reveals immune dysregulation mediated by IL-17A in initiation of chronic lung injuries upon real-ambient particulate matter exposure. <i>Particle and Fibre Toxicology</i> , 2022, 19, .	2.8	5
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6182	Baseline plasma IL-18 may predict simvastatin treatment response in patients with ARDS: a secondary analysis of the HARP-2 randomised clinical trial. <i>Critical Care</i> , 2022, 26, .	2.5	15
6183	Anti-inflammatory effects of N-Acetylcysteine and <i>Elaeagnus angustifolia</i> extract on acute lung injury induced by $\lambda$ -carrageenan in rat. <i>Inflammopharmacology</i> , 2022, 30, 1759-1768.	1.9	1
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6187	Blocking P2X7 receptor with AZ 10606120 exacerbates vascular hyperpermeability and inflammation in murine polymicrobial sepsis. <i>Physiological Reports</i> , 2022, 10, .	0.7	2
6188	Fibrinolytic Proteins and Factor XIII as Predictors of Thrombotic and Hemorrhagic Complications in Hospitalized COVID-19 Patients. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	6
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6196	Electroacupuncture at Zusanli Alleviates Sepsis by Regulating the TLR4-MyD88-NF-Kappa B Pathway and Diversity of Intestinal Flora. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-11.	0.5	3
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6201	2022 AHA/ACC Key Data Elements and Definitions for Cardiovascular and Noncardiovascular Complications of COVID-19. Journal of the American College of Cardiology, 2022, , .	1.2	7
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6206	COVID-19 versus seasonal influenza: myocardial injury and prognostic importance. BMC Infectious Diseases, 2022, 22, .	1.3	1
6207	Acute respiratory distress syndrome among patients with severe COVID-19 admitted to treatment center of Wollega University Referral Hospital, Western Ethiopia. PLoS ONE, 2022, 17, e0267835.	1.1	7
6208	Novel aspects of sepsis pathophysiology: NETs, plasma glycoproteins, endotheliopathy and COVID-19. Journal of Pharmacological Sciences, 2022, 150, 9-20.	1.1	7
6209	Pulmonary Microbial Composition in Sepsis-Induced Acute Respiratory Distress Syndrome. Frontiers in Molecular Biosciences, 0, 9, .	1.6	6
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6221	Neutrophil Extracellular Traps, Sepsis and COVID-19 – A Tripod Stand. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	9
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6226	Skeletal Muscle Myofibers Directly Contribute to LPS-Induced Systemic Inflammatory Tone. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	2
6227	Adlay Seed ( <i>Coix lacryma-jobi</i> L. var. <i>Ma-yuen</i> Stapf.) Ethanolic Extract Fractions and Subfractions Induce Cell Cycle Arrest and Apoptosis in Human Breast and Cervical Cancer Cell Lines. <i>Molecules</i> , 2022, 27, 3984.	1.7	5
6228	Spatiotemporal distribution of cellular injury and leukocytes during the progression of ventilator-induced lung injury. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2022, 323, L281-L296.	1.3	2
6229	Outcome of post-traumatic acute respiratory distress syndrome in young patients requiring extracorporeal membrane oxygenation (ECMO). <i>Scientific Reports</i> , 2022, 12, .	1.6	3

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6231	Early prediction of ventilator-associated pneumonia in critical care patients: a machine learning model. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	8
6232	The myosin II inhibitor, blebbistatin, ameliorates pulmonary endothelial barrier dysfunction in acute lung injury induced by LPS via NMMHC IIA/Wnt5a/ $\beta$ -catenin pathway. <i>Toxicology and Applied Pharmacology</i> , 2022, 450, 116132.	1.3	5
6233	Roles of neutrophil reactive oxygen species (ROS) generation in organ function impairment in sepsis. <i>Journal of Zhejiang University: Science B</i> , 2022, 23, 437-450.	1.3	8
6234	Comparative risk of pulmonary adverse events with transfusion of pathogen reduced and conventional platelet components. <i>Transfusion</i> , 2022, 62, 1365-1376.	0.8	7
6235	The Use of Nitric Oxide as a Rescue Modality for Severe Adult Acute Respiratory Distress Syndrome Patients, Including COVID-19, in Critical Care Rotor Transport: A Retrospective Community Outcome Study. <i>Air Medical Journal</i> , 2022, 41, 427-431.	0.3	2
6236	Neutrophil Extracellular Traps Induced by Shiga Toxin and Lipopolysaccharide-Treated Platelets Exacerbate Endothelial Cell Damage. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 12, .	1.8	6
6237	STAT6 inhibits ferroptosis and alleviates acute lung injury via regulating P53/SLC7A11 pathway. <i>Cell Death and Disease</i> , 2022, 13, .	2.7	44
6238	The WNK4/SPAK Pathway Stimulates Alveolar Fluid Clearance By Up-Regulation of Epithelial Sodium Channel In Mice with Lipopolysaccharide-Induced Acute Respiratory Distress Syndrome. <i>Shock</i> , 2022, Publish Ahead of Print, .	1.0	4
6239	Predictive value of computed tomography for short-term mortality in patients with acute respiratory distress syndrome: a systematic review. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
6240	Don't go breaking my lungs? The acute respiratory distress syndrome is common, deadly, and probably underrecognized after cardiac arrest. <i>Resuscitation</i> , 2022, 177, 1-2.	1.3	2
6241	DUSP2-mediated inhibition of tubular epithelial cell pyroptosis confers nephroprotection in acute kidney injury. <i>Theranostics</i> , 2022, 12, 5069-5085.	4.6	14
6242	Analysis of trimodal pattern of mortality among hospitalized COVID-19 patients- Lessons from tertiary care hospital. <i>Journal of Anaesthesiology Clinical Pharmacology</i> , 2022, 38, 107.	0.2	2
6243	An alert tool to promote lung protective ventilation for possible acute respiratory distress syndrome. <i>JAMIA Open</i> , 2022, 5, .	1.0	0
6244	Clinical features and prognosis of COVID-19 patients with metabolic syndrome: A multicenter, retrospective study. <i>Medicina Clínica (English Edition)</i> , 2022, 158, 458-465.	0.1	2
6245	Creation of an International Interprofessional Simulation-enhanced Mechanical Ventilation Course. <i>ATS Scholar</i> , 2022, 3, 270-284.	0.5	2
6246	Cleavage-Responsive Biofactory T Cells Suppress Infectious Diseases-Associated Hypercytokinemia. <i>Advanced Science</i> , 2022, 9, .	5.6	1
6247	Perilla Fruit Water Extract Attenuates Inflammatory Responses and Alleviates Neutrophil Recruitment via MAPK/JNK-AP-1/c-Fos Signaling Pathway in ARDS Animal Model. <i>Evidence-based Complementary and Alternative Medicine</i> , 2022, 2022, 1-12.	0.5	3

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6249	FGF1 alleviates LPS-induced acute lung injury via suppression of inflammation and oxidative stress. <i>Molecular Medicine</i> , 2022, 28, .	1.9	26
6250	mTOR pathway mediates endoplasmic reticulum stress-induced CD4+ T cell apoptosis in septic mice. <i>Apoptosis: an International Journal on Programmed Cell Death</i> , 2022, 27, 740-750.	2.2	2
6251	Key characteristics impacting survival of COVID-19 extracorporeal membrane oxygenation. <i>Critical Care</i> , 2022, 26, .	2.5	26
6252	Barotrauma in COVID 19: Incidence, pathophysiology, and effect on prognosis. <i>Clinical Imaging</i> , 2022, 90, 71-77.	0.8	7
6253	Negative predictive value of procalcitonin to rule out bacterial respiratory co-infection in critical covid-19 patients. <i>Journal of Infection</i> , 2022, 85, 374-381.	1.7	18
6254	Investigation Driven by Network Pharmacology on Potential Components and Mechanism of DGS, a Natural Vasoprotective Combination, for the Phytotherapy of Coronary Artery Disease. <i>Molecules</i> , 2022, 27, 4075.	1.7	1
6255	Incidence, Risk Factors, and Outcomes of Severe Hypoxemia After Cardiac Surgery. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	8
6256	Comparing the Cytokine Storms of COVID-19 and Pandemic Influenza. <i>Journal of Interferon and Cytokine Research</i> , 2022, 42, 369-392.	0.5	9
6257	m6A demethylase ALKBH5 is required for antibacterial innate defense by intrinsic motivation of neutrophil migration. <i>Signal Transduction and Targeted Therapy</i> , 2022, 7, .	7.1	29
6258	Early spontaneous breathing for acute respiratory distress syndrome in individuals with COVID-19. <i>The Cochrane Library</i> , 2022, 2022, .	1.5	4
6259	Singlet Oxygen, Photodynamic Therapy, and Mechanisms of Cancer Cell Death. <i>Journal of Oncology</i> , 2022, 2022, 1-20.	0.6	35
6260	Extracellular CIRP Promotes GPX4-Mediated Ferroptosis in Sepsis. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	16
6261	Effects of transthoracic echocardiography on the prognosis of patients with acute respiratory distress syndrome: a propensity score matched analysis of the MIMIC-III database. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	1
6262	Stem Cells, Cell Therapies, and Bioengineering in Lung Biology and Disease 2021. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 0, , .	1.3	5
6263	Transthoracic echocardiography of patients in prone position ventilation during the COVID-19 pandemic: an observational and retrospective study. <i>International Journal of Cardiovascular Imaging</i> , 2022, 38, 2303-2309.	0.2	3
6264	Acute Respiratory Distress Syndrome Secondary to Enterovirus-Human-Rhinovirus Infection in an Adult. <i>Cureus</i> , 2022, , .	0.2	4
6265	Effect of Prone Positioning With Individualized Positive End-Expiratory Pressure in Acute Respiratory Distress Syndrome Using Electrical Impedance Tomography. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	2

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6267	Application of Extracorporeal Membrane Oxygenation in Patients With Severe Acute Respiratory Distress Syndrome Caused by <i>Pneumocystis jirovecii</i> Pneumonia Following Kidney Transplantation: A Case Series. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	3
6268	Host lung microbiota promotes malaria-associated acute respiratory distress syndrome. <i>Nature Communications</i> , 2022, 13, .	5.8	6
6269	Comparison of clinical characteristics and outcomes of hospitalized patients with seasonal coronavirus infection and COVID-19: a retrospective cohort study. <i>BMC Infectious Diseases</i> , 2022, 22, .	1.3	1
6270	Risk assessment in COVID-19: Prognostic importance of cardiovascular parameters. <i>Clinical Cardiology</i> , 2022, 45, 943-951.	0.7	3
6271	Co-Infections and Superinfections in COVID-19 Critically Ill Patients Are Associated with CT Imaging Abnormalities and the Worst Outcomes. <i>Diagnostics</i> , 2022, 12, 1617.	1.3	16
6272	Neutrophils as regulators of macrophage-induced inflammation in a setting of allogeneic bone marrow transplantation. <i>Stem Cell Reports</i> , 2022, 17, 1561-1575.	2.3	2
6273	The gut-liver axis in sepsis: interaction mechanisms and therapeutic potential. <i>Critical Care</i> , 2022, 26, .	2.5	29
6274	Meconium-stained amniotic fluid during labor may be a protective factor for the offspring's childhood wheezing up to 3 years of age: the Japan Environment and Children's Study. <i>European Journal of Pediatrics</i> , 0, , .	1.3	1
6275	Development and Internal Validation of a New Prognostic Model Powered to Predict 28-Day All-Cause Mortality in ICU COVID-19 Patients: The COVID-SOFA Score. <i>Journal of Clinical Medicine</i> , 2022, 11, 4160.	1.0	12
6276	Effects of PEEP on regional ventilation-perfusion mismatch in the acute respiratory distress syndrome. <i>Critical Care</i> , 2022, 26, .	2.5	7
6277	Development and validation of a clinical risk model to predict the hospital mortality in ventilated patients with acute respiratory distress syndrome: a population-based study. <i>BMC Pulmonary Medicine</i> , 2022, 22, .	0.8	3
6278	Platelet activation and partial desensitization are associated with viral xenophagy in patients with severe COVID-19. <i>Blood Advances</i> , 2022, 6, 3884-3898.	2.5	12
6279	Plasma Endothelial and Oxidative Stress Biomarkers Associated with Late Mortality in Hospitalized COVID-19 Patients. <i>Journal of Clinical Medicine</i> , 2022, 11, 3950.	1.0	9
6280	Efficacy of Higher Positive End-Expiratory Pressure Ventilation Strategy in Patients With Acute Respiratory Distress Syndrome: A Systematic Review and Meta-Analysis. <i>Cureus</i> , 2022, , .	0.2	0
6281	Differential Protein Expression among Two Different Ovine ARDS Phenotypes: A Preclinical Randomized Study. <i>Metabolites</i> , 2022, 12, 655.	1.3	1
6282	Ulinastatin promotes macrophage efferocytosis and ameliorates lung inflammation via the ERK5/Mer signaling pathway. <i>FEBS Open Bio</i> , 2022, 12, 1498-1508.	1.0	3
6283	Tidal volume challenge to predict preload responsiveness in patients with acute respiratory distress syndrome under prone position. <i>Critical Care</i> , 2022, 26, .	2.5	10



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6285	Left Ventricular Diastolic Dysfunction Is Not Associated With Pulmonary Edema in Septic Patients. A Prospective Observational Cohort Study. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	0
6286	Predictive Risk Factors at Admission and a "Burning Point" During Hospitalization Serve as Sequential Alerts for Critical Illness in Patients With COVID-19. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	0
6287	Advances in the Regulation of Macrophage Polarization by Mesenchymal Stem Cells and Implications for ALI/ARDS Treatment. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	16
6288	Differential expression profile of plasma exosomal microRNAs in acute type A aortic dissection with acute lung injury. <i>Scientific Reports</i> , 2022, 12, .	1.6	3
6289	Influence of the Driving Pressure on Mortality in ARDS Patients with or without Abdominal Obesity: A Retrospective Cohort Study. <i>Contrast Media and Molecular Imaging</i> , 2022, 2022, 1-8.	0.4	0
6290	Noninvasive Respiratory Assist Devices in the Management of COVID-19-related Hypoxic Respiratory Failure: Pune ISCCM COVID-19 ARDS Study Consortium (PICASo). <i>Indian Journal of Critical Care Medicine</i> , 2022, 26, 791-797.	0.3	3
6291	Effects of Corilagin on Lipopolysaccharide-Induced Acute Lung Injury via Regulation of NADPH Oxidase 2 and ERK/NF- $\kappa$ B Signaling Pathways in a Mouse Model. <i>Biology</i> , 2022, 11, 1058.	1.3	2
6292	Paradoxical response to chest wall loading predicts a favorable mechanical response to reduction in tidal volume or PEEP. <i>Critical Care</i> , 2022, 26, .	2.5	7
6293	Serinc2 deficiency causes susceptibility to sepsis-associated acute lung injury. <i>Journal of Inflammation</i> , 2022, 19, .	1.5	8
6294	Role of Caveolin-1 in Sepsis " A Mini-Review. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	4
6295	Alternative adenosine Receptor activation: The netrin-Adora2b link. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	9
6296	Diminazene aceturate mitigates cardiomyopathy by interfering with renin-angiotensin system in a septic rat model. <i>BMC Pharmacology &amp; Toxicology</i> , 2022, 23, .	1.0	3
6297	Prone ventilation in intubated COVID-19 patients: a systematic review and meta-analysis. <i>Brazilian Journal of Anesthesiology (Elsevier)</i> , 2022, 72, 780-789.	0.2	5
6298	SOCS3 limits TNF and endotoxin-induced endothelial dysfunction by blocking a required autocrine interleukin-6 signal in human endothelial cells. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 323, C556-C569.	2.1	7
6299	The Neonatal Innate Immune Response to Sepsis: Checkpoint Proteins as Novel Mediators of This Response and as Possible Therapeutic/Diagnostic Levers. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	1
6300	Pyroptosis in inflammation-related respiratory disease. <i>Journal of Physiology and Biochemistry</i> , 2022, 78, 721-737.	1.3	42
6301	Adipose Tissue Inflammation and Pulmonary Dysfunction in Obesity. <i>International Journal of Molecular Sciences</i> , 2022, 23, 7349.	1.8	26

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6303	Exome sequencing contributes to identify comorbidities in a rare case of infant ARDS induced by the CD40LG mutation. <i>BMC Medical Genomics</i> , 2022, 15, .	0.7	1
6304	Perioperative oxygen therapy: a protocol for an overview of systematic reviews and meta-analyses. <i>Systematic Reviews</i> , 2022, 11, .	2.5	2
6305	Extended prone positioning duration for COVID-19-related ARDS: benefits and detriments. <i>Critical Care</i> , 2022, 26, .	2.5	17
6306	Lung Mechanics Over the Century: From Bench to Bedside and Back to Bench. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	2
6307	Human breast milkâ€“derived exosomes through inhibiting AT II cell apoptosis to prevent bronchopulmonary dysplasia in rat lung. <i>Journal of Cellular and Molecular Medicine</i> , 2022, 26, 4169-4182.	1.6	12
6308	Ten actions to achieve gender equity among intensivists: the French Society of Intensive Care (FICS) model. <i>Annals of Intensive Care</i> , 2022, 12, .	2.2	3
6309	Validation of Messenger Ribonucleic Acid Markers Differentiating Among Human Acute Respiratory Distress Syndrome Subgroups in an Ovine Model of Acute Respiratory Distress Syndrome Phenotypes. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	2
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6311	Multi-Omics Techniques Make it Possible to Analyze Sepsis-Associated Acute Kidney Injury Comprehensively. <i>Frontiers in Immunology</i> , 0, 13, .	2.2	6
6312	Vaspin Alleviates Sepsis-Induced Cardiac Injury and Cardiac Inflammation by Inhibiting Kallikrein 7 in Mice. <i>Mediators of Inflammation</i> , 2022, 2022, 1-12.	1.4	3
6313	Imaging the acute respiratory distress syndrome: past, present and future. <i>Intensive Care Medicine</i> , 2022, 48, 995-1008.	3.9	14
6314	The Neutrophil-to-Lymphocyte Ratio is Associated with the Requirement and the Duration of Invasive Mechanical Ventilation in Acute Respiratory Distress Syndrome Patients: A Retrospective Study. <i>Canadian Respiratory Journal</i> , 2022, 2022, 1-9.	0.8	4
6315	Necroptosis-Mediated eCIRP Release in Sepsis. <i>Journal of Inflammation Research</i> , 0, Volume 15, 4047-4059.	1.6	5
6316	Metformin Alleviates LPS-Induced Acute Lung Injury by Regulating the SIRT1/NF-Î²B/NLRP3 Pathway and Inhibiting Endothelial Cell Pyroptosis. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	15
6317	Patient-centered outcomes at hospital discharge in mechanically ventilated COVID-19 patients in Kobe, Japan: A single-center retrospective cohort study. <i>Respiratory Investigation</i> , 2022, 60, 694-703.	0.9	2
6318	Electroacupuncture at Zusanli (ST36), Guanyuan (CV4), and Qihai (CV6) Acupoints Regulates Immune Function in Patients with Sepsis via the PD-1 Pathway. <i>BioMed Research International</i> , 2022, 2022, 1-9.	0.9	7
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6322	The Clinical Impact of Platelets on Post-Injury Serum Creatinine Concentration in Multiple Trauma Patients: A Retrospective Cohort Study. <i>Medicina (Lithuania)</i> , 2022, 58, 901.	0.8	3
6323	Time course of lung ultrasound findings in patients with COVID-19 pneumonia and cardiac dysfunction. <i>Ultrasound Journal</i> , 2022, 14, .	1.3	3
6324	Novel role of macrophage TXNIP-mediated CYLDâ€œNRF2â€œOASL1 axis in stress-induced liver inflammation and cell death. <i>JHEP Reports</i> , 2022, 4, 100532.	2.6	16
6325	Effects of High PEEP on Intrapulmonary Shunt Ratio in Patients With SARS-CoV-2â€œInduced ARDS. <i>Respiratory Care</i> , 2022, 67, 1456-1459.	0.8	0
6326	Network Pharmacology and Experimental Validation to Explore the Mechanism of Qing-Jin-Hua-Tan-Decoction Against Acute Lung Injury. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	5
6327	The Mechanism of Lung and Intestinal Injury in Acute Pancreatitis: A Review. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	12
6328	ARDS Clinical Practice Guideline 2021. <i>Journal of Intensive Care</i> , 2022, 10, .	1.3	24
6329	Follow-up lung ultrasound to monitor lung failure in COVID-19 ICU patients. <i>PLoS ONE</i> , 2022, 17, e0271411.	1.1	3
6330	SARS-CoV-2 Genomic Characteristics and Clinical Impact of SARS-CoV-2 Viral Diversity in Critically Ill COVID-19 Patients: A Prospective Multicenter Cohort Study. <i>Viruses</i> , 2022, 14, 1529.	1.5	4
6331	The deciphering of the immune cells and marker signature in COVIDâ€œ19 pathogenesis: An update. <i>Journal of Medical Virology</i> , 2022, 94, 5128-5148.	2.5	12
6332	CD11b suppresses TLR activation of nonclassical monocytes to reduce primary graft dysfunction after lung transplantation. <i>Journal of Clinical Investigation</i> , 2022, 132, .	3.9	11
6333	SR9009 Regulates Acute Lung Injury in Mice Induced by Sepsis. <i>Canadian Respiratory Journal</i> , 2022, 2022, 1-12.	0.8	1
6334	Challenges to Provision of Adequate Medical Nutrition Therapy in a Critically Ill COVID-19 Patient Fed in the Prone Position. <i>Topics in Clinical Nutrition</i> , 2022, 37, 218-226.	0.2	0
6335	Clinical progress in MSC-based therapies for the management of severe COVID-19. <i>Cytokine and Growth Factor Reviews</i> , 2022, 68, 25-36.	3.2	10
6336	Neutrophil membrane-coated therapeutic liposomes for targeted treatment in acute lung injury. <i>International Journal of Pharmaceutics</i> , 2022, 624, 121971.	2.6	7
6337	The prognostic value of biomarker levels and chest imaging in patients with COVID-19 presenting to the emergency department. <i>American Journal of Emergency Medicine</i> , 2022, 59, 15-23.	0.7	1

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6338	Increasing stiffness promotes pulmonary retention of ligand-directed dexamethasone-loaded nanoparticle for enhanced acute lung inflammation therapy. <i>Bioactive Materials</i> , 2023, 20, 539-547.	8.6	4
6339	The HMGB1-RAGE axis induces apoptosis in acute respiratory distress syndrome through PERK/eIF2 $\beta$ /ATF4-mediated endoplasmic reticulum stress. <i>Inflammation Research</i> , 2022, 71, 1245-1260.	1.6	5
6340	The impact of body composition on mortality of COVID-19 hospitalized patients: A prospective study on abdominal fat, obesity paradox and sarcopenia. <i>Clinical Nutrition ESPEN</i> , 2022, 51, 437-444.	0.5	10
6341	The Effects of Airway Pressure Release Ventilation on Pulmonary Permeability in Severe Acute Respiratory Distress Syndrome Pig Models. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	3
6342	Myths and Misconceptions of Airway Pressure Release Ventilation: Getting Past the Noise and on to the Signal. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	10
6343	The Pt(S-pr-thiosal)2 and BCL1 Leukemia Lymphoma: Antitumor Activity In Vitro and In Vivo. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8161.	1.8	1
6344	Extracellular Histones Activate Endothelial NLRP3 Inflammasome and are Associated with a Severe Sepsis Phenotype. <i>Journal of Inflammation Research</i> , 0, Volume 15, 4217-4238.	1.6	15
6345	Programming of Regulatory T Cells In Situ for Nerve Regeneration and Long-Term Patency of Vascular Grafts. <i>Research</i> , 2022, 2022, .	2.8	3
6346	PTP1B inhibitors protect against acute lung injury and regulate CXCR4 signaling in neutrophils. <i>JCI Insight</i> , 2022, 7, .	2.3	16
6347	COVID-19 Time of Intubation Mortality Evaluation (C-TIME): A system for predicting mortality of patients with COVID-19 pneumonia at the time they require mechanical ventilation. <i>PLoS ONE</i> , 2022, 17, e0270193.	1.1	2
6348	Pulmonary Artery Enlargement: An Independent Risk Factor for Mortality in Patients Hospitalized With COVID-19. <i>Mayo Clinic Proceedings Innovations, Quality &amp; Outcomes</i> , 2022, 6, 399-408.	1.2	1
6349	Doxorubicin-conjugated siRNA lipid nanoparticles for combination cancer therapy. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 1429-1437.	5.7	13
6350	Safe Inspiratory Pressures Threshold in Lung Recruitment Maneuvers: An In Vivo Neonatal ARDS Model. <i>Respiratory Care</i> , 2022, 67, 1300-1309.	0.8	2
6351	Study to Explore the Association of the Renin-Angiotensin System and Right Ventricular Function in Mechanically Ventilated Patients. <i>Journal of Clinical Medicine</i> , 2022, 11, 4362.	1.0	0
6352	Salvianolic Acid A Protects against Lipopolysaccharide-Induced Acute Lung Injury by Inhibiting Neutrophil NETosis. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-15.	1.9	3
6353	Immune suppression is associated with enhanced systemic inflammatory, endothelial and procoagulant responses in critically ill patients. <i>PLoS ONE</i> , 2022, 17, e0271637.	1.1	5
6354	Progress in non-viral localized delivery of siRNA therapeutics for pulmonary diseases. <i>Acta Pharmaceutica Sinica B</i> , 2023, 13, 1400-1428.	5.7	3
6355	Duration of Acute Kidney Injury and In-Hospital Mortality in Elder Patients with Severe COVID-19: A Retrospective Cohort Study. <i>BioMed Research International</i> , 2022, 2022, 1-9.	0.9	0

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6356	Prognostic Value of Serum Cholinesterase Activity in Severe SARS-CoV-2â€“Infected Patients Requiring Intensive Care Unit Admission. <i>American Journal of Tropical Medicine and Hygiene</i> , 2022, 107, 534-539.	0.6	2
6357	Severe influenza A in a Tunisian ICU sentinel SARI centre: Epidemiological and clinical features. <i>PLoS ONE</i> , 2022, 17, e0270814.	1.1	4
6358	ATP13A2 Declines Zinc-Induced Accumulation of Î±-Synuclein in a Parkinsonâ€™s Disease Model. <i>International Journal of Molecular Sciences</i> , 2022, 23, 8035.	1.8	2
6359	Editorial: Molecular mechanisms of lung endothelial permeability. <i>Frontiers in Physiology</i> , 0, 13, .	1.3	0
6360	PLCÎ²2 Promotes VEGF-Induced Vascular Permeability. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2022, 42, 1229-1241.	1.1	3
6361	Protective effect of berberine against LPS-induced injury in the intestine: a review. <i>Cell Cycle</i> , 2022, 21, 2365-2378.	1.3	16
6362	Automatic scoring of COVID-19 severity in X-ray imaging based on a novel deep learning workflow. <i>Scientific Reports</i> , 2022, 12, .	1.6	12
6363	mTOR Modulates the Endoplasmic Reticulum Stress-Induced CD4+ T Cell Apoptosis Mediated by ROS in Septic Immunosuppression. <i>Mediators of Inflammation</i> , 2022, 2022, 1-11.	1.4	7
6364	Coacervate-mediated novel pancreatic cancer drug <i>Aleuria Aurantia</i> lectin delivery for augmented anticancer therapy. <i>Biomaterials Research</i> , 2022, 26, .	3.2	6
6365	Oral IRAK4 inhibitor BAY-1834845 prevents acute respiratory distress syndrome. <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113459.	2.5	6
6366	Neuropilin-1 in the pathogenesis of preeclampsia, HIV-1, and SARS-CoV-2 infection: A review. <i>Virus Research</i> , 2022, 319, 198880.	1.1	5
6367	Neutrophil extracellular trap inhibition improves survival in neonatal mouse infectious peritonitis. <i>Pediatric Research</i> , 2023, 93, 862-869.	1.1	11
6368	Reduction of primary graft dysfunction using cytokine adsorption during organ preservation and after lung transplantation. <i>Nature Communications</i> , 2022, 13, .	5.8	30
6369	Efficacy and Prognosis of Ultrasound-Guided Percutaneous Catheter Drainage in Patients with Liver Abscess Complicated with Septic Shock. <i>Computational and Mathematical Methods in Medicine</i> , 2022, 2022, 1-9.	0.7	1
6370	Early reduction of estimated Glomerular Filtration Rate (eGFR) predicts poor outcome in acutely ill hospitalized COVID-19 patients firstly admitted to medical regular wards (eGFR-COV19 study). <i>Biomedicine and Pharmacotherapy</i> , 2022, 153, 113454.	2.5	6
6371	Neuroprotective effects of exogenous brain-derived neurotrophic factor on amyloid-beta 1â€“40-induced retinal degeneration. <i>Neural Regeneration Research</i> , 2023, 18, 382.	1.6	4
6372	Combination of Sterile Injury and Microbial Contamination to Model Post-surgical Peritoneal Adhesions in Mice. <i>Bio-protocol</i> , 2022, 12, .	0.2	0
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6485	Septic Cardiomyopathy: From Pathophysiology to the Clinical Setting. <i>Cells</i> , 2022, 11, 2833.	1.8	26
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6515	Intensive Care of Patients with COVID-19. <i>Herald of the Russian Academy of Sciences</i> , 2022, 92, 418-424.	0.2	0
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6809	Rift Valley Fever Virus Non-Structural Protein S Is Associated with Nuclear Translocation of Active Caspase-3 and Inclusion Body Formation. <i>Viruses</i> , 2022, 14, 2487.	1.5	2
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6811	SS-31 Improves Cognitive Function in Sepsis-Associated Encephalopathy by Inhibiting the Drp1-NLRP3 Inflammasome Activation. <i>NeuroMolecular Medicine</i> , 2023, 25, 230-241.	1.8	5
6812	Anti-inflammatory effects of <i>Athyrium yokoscense</i> extract via inhibition of the Erk1/2 and NF- $\kappa$ B pathways in bisphenol A-stimulated A549 cells. <i>Toxicological Research</i> , 2023, 39, 135-146.	1.1	4
6813	Disrupted metabolic and spontaneous neuronal activity of hippocampus in sepsis associated encephalopathy rats: A study combining magnetic resonance spectroscopy and resting-state functional magnetic resonance imaging. <i>Frontiers in Neuroscience</i> , 0, 16, .	1.4	2
6814	Serum level of calpains product as a novel biomarker of acute lung injury following cardiopulmonary bypass. <i>Frontiers in Cardiovascular Medicine</i> , 0, 9, .	1.1	1
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6816	Delivery of Lung Protective Ventilation for Acute Respiratory Distress Syndrome: A Hybrid Implementation-Effectiveness Trial. <i>Annals of the American Thoracic Society</i> , 0, , .	1.5	4
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6934	ARDS: hidden perils of an overburdened diagnosis. <i>Critical Care</i> , 2022, 26, .	2.5	6

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6937	Early decrease of ventilatory ratio after prone position ventilation may predict successful weaning in patients with acute respiratory distress syndrome: A retrospective cohort study. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	0
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7232	Real-time effects of lateral positioning on regional ventilation and perfusion in an experimental model of acute respiratory distress syndrome. <i>Frontiers in Physiology</i> , 0, 14, .	1.3	1
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7246	Inhibition of a Microbiota-Derived Peptide Ameliorates Established Acute Lung Injury. <i>American Journal of Pathology</i> , 2023, , .	1.9	1
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7250	Chemical Profiling and Therapeutic Evaluation of Standardized Hydroalcoholic Extracts of <i>Terminalia chebula</i> Fruits Collected from Different Locations in Manipur against Colorectal Cancer. <i>Molecules</i> , 2023, 28, 2901.	1.7	2
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7256	Clinical significance of human metapneumovirus detection in critically ill adults with lower respiratory tract infections. <i>Annals of Intensive Care</i> , 2023, 13, .	2.2	1
7257	Kidney fibrosis: from mechanisms to therapeutic medicines. <i>Signal Transduction and Targeted Therapy</i> , 2023, 8, .	7.1	54
7258	A structured diagnostic algorithm for patients with ARDS. <i>Critical Care</i> , 2023, 27, .	2.5	0
7259	Individualized flow-controlled versus conventional pressure-controlled ventilation in on-pump heart surgery (FLOWVENTIN HEARTSURG): study protocol for a randomized controlled trial. <i>Trials</i> , 2023, 24, .	0.7	0
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7261	Positive end-expiratory pressure induced changes in airway driving pressure in mechanically ventilated COVID-19 Acute Respiratory Distress Syndrome patients. <i>Critical Care</i> , 2023, 27, .	2.5	1
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7288	Efficacy of CU06-1004 via regulation of inflammation and endothelial permeability in LPS-induced acute lung injury. <i>Journal of Inflammation</i> , 2023, 20, .	1.5	3
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7300	Risk factors for ventilator-induced-lung injury develop three to five times faster after a single episode of lung injury. <i>Canadian Journal of Respiratory Therapy</i> , 0, 59, 103-110.	0.2	1
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7302	Interaction between alveolar macrophages and epithelial cells during <i>Mycoplasma pneumoniae</i> infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 0, 13, .	1.8	4
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7307	<i>Euonymus sachalinensis</i> Induces Apoptosis by Inhibiting the Expression of c-Myc in Colon Cancer Cells. <i>Molecules</i> , 2023, 28, 3473.	1.7	0
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7319	PIMT is a novel and potent suppressor of endothelial activation. <i>ELife</i> , 0, 12, .	2.8	0
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7329	Identification of ferroptosis-related genes in male mice with sepsis-induced acute lung injury based on transcriptome sequencing. <i>BMC Pulmonary Medicine</i> , 2023, 23, .	0.8	0
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