

# Jesus Villar

## List of Publications by Citations

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199  
papers

10,030  
citations

47  
h-index

96  
g-index

244  
ext. papers

12,245  
ext. citations

6.3  
avg, IF

6.04  
L-index

#	Paper	IF	Citations
199	Association Between Administration of Systemic Corticosteroids and Mortality Among Critically Ill Patients With COVID-19: A Meta-analysis. <i>JAMA - Journal of the American Medical Association</i> , <b>2020</b> , 324, 1330-1341	27.4	1083
198	Epidemiology and outcome of acute lung injury in European intensive care units. Results from the ALIVE study. <i>Intensive Care Medicine</i> , <b>2004</b> , 30, 51-61	14.5	1011
197	A high positive end-expiratory pressure, low tidal volume ventilatory strategy improves outcome in persistent acute respiratory distress syndrome: a randomized, controlled trial. <i>Critical Care Medicine</i> , <b>2006</b> , 34, 1311-8	1.4	532
196	Dexamethasone treatment for the acute respiratory distress syndrome: a multicentre, randomised controlled trial. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 267-276	35.1	461
195	The ALIEN study: incidence and outcome of acute respiratory distress syndrome in the era of lung protective ventilation. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 1932-41	14.5	381
194	Incidence, organ dysfunction and mortality in severe sepsis: a Spanish multicentre study. <i>Critical Care</i> , <b>2008</b> , 12, R158	10.8	292
193	Asynchronies during mechanical ventilation are associated with mortality. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 633-41	14.5	248
192	Induction of the heat shock response reduces mortality rate and organ damage in a sepsis-induced acute lung injury model. <i>Critical Care Medicine</i> , <b>1994</b> , 22, 917-921	1.4	226
191	An early PEEP/FIO2 trial identifies different degrees of lung injury in patients with acute respiratory distress syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2007</b> , 176, 795-804	10.2	215
190	Clinical features, ventilatory management, and outcome of ARDS caused by COVID-19 are similar to other causes of ARDS. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2200-2211	14.5	166
189	Induction of heat stress proteins is associated with decreased mortality in an animal model of acute lung injury. <i>The American Review of Respiratory Disease</i> , <b>1993</b> , 147, 177-81		161
188	Sodium arsenite induces heat shock protein-72 kilodalton expression in the lungs and protects rats against sepsis. <i>Critical Care Medicine</i> , <b>1994</b> , 22, 922-9	1.4	161
187	The incidence of the adult respiratory distress syndrome. <i>The American Review of Respiratory Disease</i> , <b>1989</b> , 140, 814-6		161
186	Open Lung Approach for the Acute Respiratory Distress Syndrome: A Pilot, Randomized Controlled Trial. <i>Critical Care Medicine</i> , <b>2016</b> , 44, 32-42	1.4	159
185	Current definitions of acute lung injury and the acute respiratory distress syndrome do not reflect their true severity and outcome. <i>Intensive Care Medicine</i> , <b>1999</b> , 25, 930-5	14.5	142
184	The acute respiratory distress syndrome: incidence and mortality, has it changed?. <i>Current Opinion in Critical Care</i> , <b>2014</b> , 20, 3-9	3.5	132
183	Pediatric Acute Lung Injury Epidemiology and Natural History study: Incidence and outcome of the acute respiratory distress syndrome in children. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 3238-45	1.4	115

182	A universal definition of ARDS: the PaO <sub>2</sub> /FiO <sub>2</sub> ratio under a standard ventilatory setting—a prospective, multicenter validation study. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 583-92	14.5	114
181	Effects of induced hypothermia in patients with septic adult respiratory distress syndrome. <i>Resuscitation</i> , <b>1993</b> , 26, 183-92	4	110
180	Current incidence and outcome of the acute respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , <b>2016</b> , 22, 1-6	3.5	108
179	Statement of the 4th International Consensus Conference in Critical Care on ICU-Acquired Pneumonia—Chicago, Illinois, May 2002. <i>Intensive Care Medicine</i> , <b>2002</b> , 28, 1521-36	14.5	107
178	Mechanical ventilation-associated lung fibrosis in acute respiratory distress syndrome: a significant contributor to poor outcome. <i>Anesthesiology</i> , <b>2014</b> , 121, 189-98	4.3	92
177	Individualised perioperative open-lung approach versus standard protective ventilation in abdominal surgery (iPROVE): a randomised controlled trial. <i>Lancet Respiratory Medicine</i> , <b>2018</b> , 6, 193-203	35.1	89
176	Mechanical stress induces lung fibrosis by epithelial-mesenchymal transition. <i>Critical Care Medicine</i> , <b>2012</b> , 40, 510-7	1.4	89
175	Validation of the Better Care <sup>2</sup> system to detect ineffective efforts during expiration in mechanically ventilated patients: a pilot study. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 772-80	14.5	84
174	Pulmonary hypertension in acute respiratory failure. <i>Critical Care Medicine</i> , <b>1989</b> , 17, 523-6	1.4	78
173	Awake prone positioning does not reduce the risk of intubation in COVID-19 treated with high-flow nasal oxygen therapy: a multicenter, adjusted cohort study. <i>Critical Care</i> , <b>2020</b> , 24, 597	10.8	77
172	Novel approaches to minimize ventilator-induced lung injury. <i>BMC Medicine</i> , <b>2013</b> , 11, 85	11.4	75
171	Asynchrony, neural drive, ventilatory variability and COMFORT: NAVA versus pressure support in pediatric patients. A non-randomized cross-over trial. <i>Intensive Care Medicine</i> , <b>2012</b> , 38, 838-46	14.5	71
170	Rationale for Prolonged Corticosteroid Treatment in the Acute Respiratory Distress Syndrome Caused by Coronavirus Disease 2019 <b>2020</b> , 2, e0111		71
169	Assessment of PaO <sub>2</sub> /FiO <sub>2</sub> for stratification of patients with moderate and severe acute respiratory distress syndrome. <i>BMJ Open</i> , <b>2015</b> , 5, e006812	3	65
168	Bench-to-bedside review: understanding genetic predisposition to sepsis. <i>Critical Care</i> , <b>2004</b> , 8, 180-9	10.8	63
167	Pressure and volume limited ventilation for the ventilatory management of patients with acute lung injury: a systematic review and meta-analysis. <i>PLoS ONE</i> , <b>2011</b> , 6, e14623	3.7	62
166	Prins-type synthesis and SAR study of cytotoxic alkyl chloro dihydropyrans. <i>ChemMedChem</i> , <b>2006</b> , 1, 323-9	3.7	62
165	Age, PaO <sub>2</sub> /FiO <sub>2</sub> , and Plateau Pressure Score: A Proposal for a Simple Outcome Score in Patients With the Acute Respiratory Distress Syndrome. <i>Critical Care Medicine</i> , <b>2016</b> , 44, 1361-9	1.4	61

164	Lung Repair and Regeneration in ARDS: Role of PECAM1 and Wnt Signaling. <i>Chest</i> , <b>2019</b> , 155, 587-594	5.3	60
163	Positive end-expiratory pressure modulates local and systemic inflammatory responses in a sepsis-induced lung injury model. <i>Intensive Care Medicine</i> , <b>2003</b> , 29, 1345-53	14.5	58
162	Biomarkers for the acute respiratory distress syndrome: how to make the diagnosis more precise. <i>Annals of Translational Medicine</i> , <b>2017</b> , 5, 283	3.2	57
161	A Quantile Analysis of Plateau and Driving Pressures: Effects on Mortality in Patients With Acute Respiratory Distress Syndrome Receiving Lung-Protective Ventilation. <i>Critical Care Medicine</i> , <b>2017</b> , 45, 843-850	1.4	56
160	Activation of the Wnt/ $\beta$ -catenin signaling pathway by mechanical ventilation is associated with ventilator-induced pulmonary fibrosis in healthy lungs. <i>PLoS ONE</i> , <b>2011</b> , 6, e23914	3.7	56
159	Neurally adjusted ventilatory assist decreases ventilator-induced lung injury and non-pulmonary organ dysfunction in rabbits with acute lung injury. <i>Intensive Care Medicine</i> , <b>2009</b> , 35, 1979-89	14.5	55
158	High-flow nasal oxygen in patients with COVID-19-associated acute respiratory failure. <i>Critical Care</i> , <b>2021</b> , 25, 58	10.8	54
157	Injurious mechanical ventilation affects neuronal activation in ventilated rats. <i>Critical Care</i> , <b>2011</b> , 15, R124	10.8	52
156	Type 2 deiodinase and host responses of sepsis and acute lung injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2011</b> , 45, 1203-11	5.7	50
155	A clinical classification of the acute respiratory distress syndrome for predicting outcome and guiding medical therapy*. <i>Critical Care Medicine</i> , <b>2015</b> , 43, 346-53	1.4	49
154	IL6 gene-wide haplotype is associated with susceptibility to acute lung injury. <i>Translational Research</i> , <b>2008</b> , 152, 11-7	11	49
153	Serum lipopolysaccharide binding protein levels predict severity of lung injury and mortality in patients with severe sepsis. <i>PLoS ONE</i> , <b>2009</b> , 4, e6818	3.7	46
152	A risk tertiles model for predicting mortality in patients with acute respiratory distress syndrome: age, plateau pressure, and P(aO <sub>2</sub> )/F(IO <sub>2</sub> ) at ARDS onset can predict mortality. <i>Respiratory Care</i> , <b>2011</b> , 56, 420-8	2.1	45
151	Evaluating an educational intervention to improve the accuracy of death certification among trainees from various specialties. <i>BMC Health Services Research</i> , <b>2007</b> , 7, 183	2.9	45
150	A tale of aborigines, conquerors and slaves: Alu insertion polymorphisms and the peopling of Canary Islands. <i>Annals of Human Genetics</i> , <b>2004</b> , 68, 600-5	2.2	45
149	Induction of apoptosis in estrogen dependent and independent breast cancer cells by the marine terpenoid dehydrothysiferol. <i>Biochemical Pharmacology</i> , <b>2003</b> , 65, 1451-61	6	43
148	Oxygen transport and oxygen consumption in critically ill patients. <i>Chest</i> , <b>1990</b> , 98, 687-92	5.3	41
147	Mechanical ventilation modulates Toll-like receptor signaling pathway in a sepsis-induced lung injury model. <i>Intensive Care Medicine</i> , <b>2010</b> , 36, 1049-57	14.5	40

146	Early activation of pro-fibrotic WNT5A in sepsis-induced acute lung injury. <i>Critical Care</i> , <b>2014</b> , 18, 568	10.8	38
145	WNT/βcatenin signaling is modulated by mechanical ventilation in an experimental model of acute lung injury. <i>Intensive Care Medicine</i> , <b>2011</b> , 37, 1201-9	14.5	37
144	Genetic susceptibility to acute lung injury. <i>Critical Care Medicine</i> , <b>2003</b> , 31, S272-5	1.4	37
143	Common variants of TLR1 associate with organ dysfunction and sustained pro-inflammatory responses during sepsis. <i>PLoS ONE</i> , <b>2010</b> , 5, e13759	3.7	37
142	Functional promoter variants in sphingosine 1-phosphate receptor 3 associate with susceptibility to sepsis-associated acute respiratory distress syndrome. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2013</b> , 305, L467-77	5.8	36
141	Angiotensin-converting enzyme insertion/deletion polymorphism is not associated with susceptibility and outcome in sepsis and acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , <b>2008</b> , 34, 488-95	14.5	36
140	A quality assessment of genetic association studies supporting susceptibility and outcome in acute lung injury. <i>Critical Care</i> , <b>2008</b> , 12, R130	10.8	35
139	Multiple system organ failure in acute respiratory failure. <i>Journal of Critical Care</i> , <b>1991</b> , 6, 75-80	4	35
138	Mechanical ventilation modulates TLR4 and IRAK-3 in a non-infectious, ventilator-induced lung injury model. <i>Respiratory Research</i> , <b>2010</b> , 11, 27	7.3	33
137	The tert-butyl dimethyl silyl group as an enhancer of drug cytotoxicity against human tumor cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2005</b> , 15, 3536-9	2.9	33
136	Epidemiology and Changes in Mortality of Sepsis After the Implementation of Surviving Sepsis Campaign Guidelines. <i>Journal of Intensive Care Medicine</i> , <b>2019</b> , 34, 740-750	3.3	33
135	Why are physicians so skeptical about positive randomized controlled clinical trials in critical care medicine?. <i>Intensive Care Medicine</i> , <b>2005</b> , 31, 196-204	14.5	32
134	Experimental ventilator-induced lung injury: exacerbation by positive end-expiratory pressure. <i>Anesthesiology</i> , <b>2009</b> , 110, 1341-7	4.3	32
133	Evaluating the efficacy of dexamethasone in the treatment of patients with persistent acute respiratory distress syndrome: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2016</b> , 17, 342	2.8	31
132	International Practice Variation in Weaning Critically Ill Adults from Invasive Mechanical Ventilation. <i>Annals of the American Thoracic Society</i> , <b>2018</b> , 15, 494-502	4.7	30
131	What is the acute respiratory distress syndrome?. <i>Respiratory Care</i> , <b>2011</b> , 56, 1539-45	2.1	30
130	Mutation G47R in the BSND gene causes Bartter syndrome with deafness in two Spanish families. <i>Pediatric Nephrology</i> , <b>2006</b> , 21, 643-8	3.2	30
129	Multiple system organ response induced by hyperoxia in a clinically relevant animal model of sepsis. <i>Shock</i> , <b>2014</b> , 42, 148-53	3.4	28

128	Molecular cloning and expression in yeast of caprine prochymosin. <i>Journal of Biotechnology</i> , <b>2004</b> , 114, 69-79	3.7	28
127	Antiproliferative activity in HL60 cells by tetrasubstituted pyrroles: a structure-activity relationship study. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2005</b> , 15, 2487-90	2.9	26
126	GOLDEN anniversary of the acute respiratory distress syndrome: still much work to do!. <i>Current Opinion in Critical Care</i> , <b>2017</b> , 23, 4-9	3.5	23
125	Interleukin-1 receptor-associated kinase 3 gene associates with susceptibility to acute lung injury. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2011</b> , 45, 740-5	5.7	23
124	Tyrosine phosphatase SHP-2 regulates IL-1 signaling in fibroblasts through focal adhesions. <i>Journal of Cellular Physiology</i> , <b>2006</b> , 207, 132-43	7	23
123	North African influences and potential bias in case-control association studies in the Spanish population. <i>PLoS ONE</i> , <b>2011</b> , 6, e18389	3.7	22
122	Early corticosteroids are associated with lower mortality in critically ill patients with COVID-19: a cohort study. <i>Critical Care</i> , <b>2021</b> , 25, 2	10.8	22
121	The accuracy of postoperative, non-invasive Air-Test to diagnose atelectasis in healthy patients after surgery: a prospective, diagnostic pilot study. <i>BMJ Open</i> , <b>2017</b> , 7, e015560	3	21
120	A CXCL2 tandem repeat promoter polymorphism is associated with susceptibility to severe sepsis in the Spanish population. <i>Genes and Immunity</i> , <b>2006</b> , 7, 141-9	4.4	21
119	A pathway-based association study reveals variants from Wnt signalling genes contributing to asthma susceptibility. <i>Clinical and Experimental Allergy</i> , <b>2017</b> , 47, 618-626	4.1	20
118	A common haplotype of the LBP gene predisposes to severe sepsis *. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 2759-2766	1.4	20
117	A CXCL2 polymorphism is associated with better outcomes in patients with severe sepsis. <i>Critical Care Medicine</i> , <b>2007</b> , 35, 2292-7	1.4	20
116	Efficacy of dexamethasone treatment for patients with the acute respiratory distress syndrome caused by COVID-19: study protocol for a randomized controlled superiority trial. <i>Trials</i> , <b>2020</b> , 21, 717	2.8	20
115	Altered Profile of Circulating Endothelial-Derived Microparticles in Ventilator-Induced Lung Injury. <i>Critical Care Medicine</i> , <b>2015</b> , 43, e551-9	1.4	19
114	IL-1 receptor-associated kinase 3 gene (IRAK3) variants associate with asthma in a replication study in the Spanish population. <i>Journal of Allergy and Clinical Immunology</i> , <b>2012</b> , 129, 573-5, 575.e1-10	11.5	19
113	Anti-inflammatory activity of a novel family of aryl ureas compounds in an endotoxin-induced airway epithelial cell injury model. <i>PLoS ONE</i> , <b>2012</b> , 7, e48468	3.7	19
112	A common haplotype of the LBP gene predisposes to severe sepsis. <i>Critical Care Medicine</i> , <b>2009</b> , 37, 2759-66	1.4	19
111	Early physiological and biological features in three animal models of induced acute lung injury. <i>Intensive Care Medicine</i> , <b>2010</b> , 36, 347-55	14.5	19

110	Lung Transcriptomics during Protective Ventilatory Support in Sepsis-Induced Acute Lung Injury. <i>PLoS ONE</i> , <b>2015</b> , 10, e0132296	3.7	18
109	Assessing the quality of studies supporting genetic susceptibility and outcomes of ARDS. <i>Frontiers in Genetics</i> , <b>2014</b> , 5, 20	4.5	16
108	Is Overall Mortality the Right Composite Endpoint in Clinical Trials of Acute Respiratory Distress Syndrome?. <i>Critical Care Medicine</i> , <b>2018</b> , 46, 892-899	1.4	15
107	The LUNG SAFE: a biased presentation of the prevalence of ARDS!. <i>Critical Care</i> , <b>2016</b> , 20, 108	10.8	15
106	Corticosteroid therapy for critically ill patients with COVID-19: A structured summary of a study protocol for a prospective meta-analysis of randomized trials. <i>Trials</i> , <b>2020</b> , 21, 734	2.8	15
105	Mortality Reduction and Long-Term Compliance with Surviving Sepsis Campaign: A Nationwide Multicenter Study. <i>Shock</i> , <b>2016</b> , 45, 598-606	3.4	15
104	Genome-wide association study in Spanish identifies ADAM metallopeptidase with thrombospondin type 1 motif, 9 (ADAMTS9), as a novel asthma susceptibility gene. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 137, 964-6	11.5	15
103	Endotoxin-induced lung alveolar cell injury causes brain cell damage. <i>Experimental Biology and Medicine</i> , <b>2015</b> , 240, 135-42	3.7	14
102	Genomics and the Acute Respiratory Distress Syndrome: Current and Future Directions. <i>International Journal of Molecular Sciences</i> , <b>2019</b> , 20,	6.3	14
101	Acute respiratory distress syndrome definition: do we need a change?. <i>Current Opinion in Critical Care</i> , <b>2011</b> , 17, 13-7	3.5	14
100	Common variants of NFE2L2 gene predisposes to acute respiratory distress syndrome in patients with severe sepsis. <i>Critical Care</i> , <b>2015</b> , 19, 256	10.8	13
99	Effects of oxygen on post-surgical infections during an individualised perioperative open-lung ventilatory strategy: a randomised controlled trial. <i>British Journal of Anaesthesia</i> , <b>2020</b> , 124, 110-120	5.4	13
98	Tryptase is involved in the development of early ventilator-induced pulmonary fibrosis in sepsis-induced lung injury. <i>Critical Care</i> , <b>2015</b> , 19, 138	10.8	12
97	Functional characterization of polymorphisms in the peptidase inhibitor 3 (elafin) gene and validation of their contribution to risk of acute respiratory distress syndrome. <i>American Journal of Respiratory Cell and Molecular Biology</i> , <b>2014</b> , 51, 262-72	5.7	12
96	Neurally adjusted ventilatory assist in acute respiratory failure: a randomized controlled trial. <i>Intensive Care Medicine</i> , <b>2020</b> , 46, 2327-2337	14.5	12
95	Ventilator Weaning and Discontinuation Practices for Critically Ill Patients. <i>JAMA - Journal of the American Medical Association</i> , <b>2021</b> , 325, 1173-1184	27.4	12
94	Effects of Ozone Treatment on Personal Protective Equipment Contaminated with SARS-CoV-2. <i>Antioxidants</i> , <b>2020</b> , 9,	7.1	11
93	Moderate Peep After Tracheal Lipopolysaccharide Instillation Prevents Inflammation and Modifies the Pattern of Brain Neuronal Activation. <i>Shock</i> , <b>2015</b> , 44, 601-8	3.4	11



92	Assessing the validity of asthma associations for eight candidate genes and age at diagnosis effects. <i>PLoS ONE</i> , <b>2013</b> , 8, e73157	3.7	11
91	Performance of current intensive care unit ventilators during pressure and volume ventilation. <i>Respiratory Care</i> , <b>2011</b> , 56, 928-40	2.1	11
90	Nurses' detection of ineffective inspiratory efforts during mechanical ventilation. <i>American Journal of Critical Care</i> , <b>2012</b> , 21, e89-93	1.7	11
89	Predictors of failure with high-flow nasal oxygen therapy in COVID-19 patients with acute respiratory failure: a multicenter observational study. <i>Journal of Intensive Care</i> , <b>2021</b> , 9, 23	7	11
88	Automatic detection of ventilatory modes during invasive mechanical ventilation. <i>Critical Care</i> , <b>2016</b> , 20, 258	10.8	11
87	Rationale and Study Design for an Individualized Perioperative Open Lung Ventilatory Strategy in Patients on One-Lung Ventilation (iPROVE-OLV). <i>Journal of Cardiothoracic and Vascular Anesthesia</i> , <b>2019</b> , 33, 2492-2502	2.1	11
86	Sepsis-associated acute respiratory distress syndrome in individuals of European ancestry: a genome-wide association study. <i>Lancet Respiratory Medicine</i> , <b>2020</b> , 8, 258-266	35.1	10
85	What is new in refractory hypoxemia?. <i>Intensive Care Medicine</i> , <b>2013</b> , 39, 1207-10	14.5	10
84	High-flow nasal cannula oxygenation reduces postoperative hypoxemia in morbidly obese patients: a randomized controlled trial. <i>Minerva Anestesiologica</i> , <b>2019</b> , 85, 1062-1070	1.9	10
83	Simultaneous PCR detection of ica cluster and methicillin and mupirocin resistance genes in catheter-isolated Staphylococcus. <i>International Microbiology</i> , <b>2004</b> , 7, 63-6	3	10
82	Heat shock proteins and ventilator-induced lung injury. <i>Current Opinion in Critical Care</i> , <b>2003</b> , 9, 9-14	3.5	9
81	Characterization of the first VanB vancomycin-resistant Enterococcus faecium isolated in a Spanish hospital. <i>Current Microbiology</i> , <b>2004</b> , 48, 199-203	2.4	9
80	Is the outcome from acute respiratory distress syndrome improving?. <i>Current Opinion in Critical Care</i> , <b>1996</b> , 2, 79	3.5	9
79	External validation confirms the legitimacy of a new clinical classification of ARDS for predicting outcome. <i>Intensive Care Medicine</i> , <b>2015</b> , 41, 2004-5	14.5	8
78	Inhibition of endotoxin-induced airway epithelial cell injury by a novel family of pyrrol derivatives. <i>Laboratory Investigation</i> , <b>2016</b> , 96, 632-40	5.9	8
77	Searching for novel molecular targets of chronic rejection in an orthotopic experimental lung transplantation model. <i>Journal of Heart and Lung Transplantation</i> , <b>2012</b> , 31, 213-21	5.8	8
76	The American-European Consensus Conference definition of the acute respiratory distress syndrome is dead, long live positive end-expiratory pressure!. <i>Medicina Intensiva</i> , <b>2012</b> , 36, 571-5	1.2	8
75	A Short and Efficient Enantiomeric Synthesis of Antitumor Fused Tetrahydrofurans. <i>European Journal of Organic Chemistry</i> , <b>2006</b> , 2006, 1910-1916	3.2	8



74	Prospective observational study of the effectiveness of prewarming on perioperative hypothermia in surgical patients submitted to spinal anesthesia. <i>Scientific Reports</i> , <b>2019</b> , 9, 16477	4.9	7
73	Soluble platelet-endothelial cell adhesion molecule-1, a biomarker of ventilator-induced lung injury. <i>Critical Care</i> , <b>2014</b> , 18, R41	10.8	7
72	Fine mapping of the myosin light chain kinase (MYLK) gene replicates the association with asthma in populations of Spanish descent. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 136, 1116-8.e9	11.5	7
71	Heat shock protein gene expression and survival in critical illness. <i>Critical Care</i> , <b>2000</b> , 4, 2-5	10.8	7
70	Critical care medicine in the 21st century: from CPR to PCR. <i>Critical Care</i> , <b>2001</b> , 5, 125-30	10.8	7
69	A Prognostic Enrichment Strategy for Selection of Patients With Acute Respiratory Distress Syndrome in Clinical Trials. <i>Critical Care Medicine</i> , <b>2019</b> , 47, 377-385	1.4	7
68	A vascular endothelial growth factor receptor gene variant is associated with susceptibility to acute respiratory distress syndrome. <i>Intensive Care Medicine Experimental</i> , <b>2018</b> , 6, 16	3.7	7
67	Lung-protective Ventilation in the Operating Room: Individualized Positive End-expiratory Pressure Is Needed!. <i>Anesthesiology</i> , <b>2018</b> , 129, 1057-1059	4.3	7
66	Low prevalence of vancomycin-resistant enterococci in clinical samples from hospitalized patients of the Canary Islands, Spain. <i>International Microbiology</i> , <b>2002</b> , 5, 117-20	3	6
65	Genetics and the pathogenesis of adult respiratory distress syndrome. <i>Current Opinion in Critical Care</i> , <b>2002</b> , 8, 1-5	3.5	6
64	Neurally adjusted ventilatory assist in patients with acute respiratory failure: study protocol for a randomized controlled trial. <i>Trials</i> , <b>2016</b> , 17, 500	2.8	6
63	Looking beyond macroventilatory parameters and rethinking ventilator-induced lung injury. <i>Journal of Applied Physiology</i> , <b>2018</b> , 124, 1214-1218	3.7	6
62	Genetic determinants of survival in sepsis and acute lung injury. <i>Minerva Anestesiologica</i> , <b>2008</b> , 74, 341-51.9	5.9	6
61	Prevalence and Outcomes of Acute Hypoxaemic Respiratory Failure in Wales: The PANDORA-WALES Study. <i>Journal of Clinical Medicine</i> , <b>2020</b> , 9,	5.1	5
60	HLA-DRB1*15:01 allele protects from asthma susceptibility. <i>Journal of Allergy and Clinical Immunology</i> , <b>2014</b> , 134, 1201-3	11.5	5
59	Combined analysis of transcriptomic and genetic data for the identification of loci involved in glucocorticosteroid response in asthma. <i>Allergy: European Journal of Allergy and Clinical Immunology</i> , <b>2021</b> , 76, 1238-1243	9.3	5
58	Genome-wide association study reveals a novel locus for asthma with severe exacerbations in diverse populations. <i>Pediatric Allergy and Immunology</i> , <b>2021</b> , 32, 106-115	4.2	5
57	Admixture mapping of asthma in southwestern Europeans with North African ancestry influences. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , <b>2020</b> , 318, L965-L975	5.8	4

56	When it comes to ventilation, noisy is better than quiet and variability is healthier than constant!. <i>Critical Care Medicine</i> , <b>2011</b> , 39, 898-9	1.4	4
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