

Jean-Jacques Rouby

List of Publications by Citations

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

71
papers

10,022
citations

40
h-index

75
g-index

75
ext. papers

11,711
ext. citations

8
avg, IF

5.52
L-index

#	Paper	IF	Citations
71	International evidence-based recommendations for point-of-care lung ultrasound. <i>Intensive Care Medicine</i> , 2012 , 38, 577-91	14.5	2015
70	Comparative diagnostic performances of auscultation, chest radiography, and lung ultrasonography in acute respiratory distress syndrome. <i>Anesthesiology</i> , 2004 , 100, 9-15	4.3	1186
69	Bedside ultrasound assessment of positive end-expiratory pressure-induced lung recruitment. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 183, 341-7	10.2	884
68	Nebulized and intravenous colistin in experimental pneumonia caused by <i>Pseudomonas aeruginosa</i> . <i>Intensive Care Medicine</i> , 2010 , 36, 1147-55	14.5	644
67	Therapeutic Effects of Human Mesenchymal Stem Cell-derived Microvesicles in Severe Pneumonia in Mice. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 324-36	10.2	288
66	Nosocomial bronchopneumonia in the critically ill. Histologic and bacteriologic aspects. <i>The American Review of Respiratory Disease</i> , 1992 , 146, 1059-66		288
65	Clinical review: Bedside lung ultrasound in critical care practice. <i>Critical Care</i> , 2007 , 11, 205	10.8	275
64	Ultrasound assessment of antibiotic-induced pulmonary reaeration in ventilator-associated pneumonia. <i>Critical Care Medicine</i> , 2010 , 38, 84-92	1.4	261
63	Ultrasound assessment of lung aeration loss during a successful weaning trial predicts postextubation distress*. <i>Critical Care Medicine</i> , 2012 , 40, 2064-72	1.4	253
62	Computed tomography assessment of positive end-expiratory pressure-induced alveolar recruitment in patients with acute respiratory distress syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 163, 1444-50	10.2	238
61	Risk factors and clinical relevance of nosocomial maxillary sinusitis in the critically ill. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1994 , 150, 776-83	10.2	238
60	Regional distribution of gas and tissue in acute respiratory distress syndrome. III. Consequences for the effects of positive end-expiratory pressure. CT Scan ARDS Study Group. Adult Respiratory Distress Syndrome. <i>Intensive Care Medicine</i> , 2000 , 26, 1215-27	14.5	230
59	Regional distribution of gas and tissue in acute respiratory distress syndrome. I. Consequences for lung morphology. CT Scan ARDS Study Group. <i>Intensive Care Medicine</i> , 2000 , 26, 857-69	14.5	217
58	Acute respiratory distress syndrome: lessons from computed tomography of the whole lung. <i>Critical Care Medicine</i> , 2003 , 31, S285-95	1.4	209
57	A lung computed tomographic assessment of positive end-expiratory pressure-induced lung overdistension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1998 , 158, 1571-7	10.2	178
56	Regional distribution of gas and tissue in acute respiratory distress syndrome. II. Physiological correlations and definition of an ARDS Severity Score. CT Scan ARDS Study Group. <i>Intensive Care Medicine</i> , 2000 , 26, 1046-56	14.5	172
55	A scanographic assessment of pulmonary morphology in acute lung injury. Significance of the lower inflection point detected on the lung pressure-volume curve. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999 , 159, 1612-23	10.2	166

54	Histologic aspects of pulmonary barotrauma in critically ill patients with acute respiratory failure. <i>Intensive Care Medicine</i> , 1993 , 19, 383-9	14.5	159
53	Nebulized ceftazidime and amikacin in ventilator-associated pneumonia caused by <i>Pseudomonas aeruginosa</i> . <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011 , 184, 106-15	10.2	158
52	Efficacy of high-dose nebulized colistin in ventilator-associated pneumonia caused by multidrug-resistant <i>Pseudomonas aeruginosa</i> and <i>Acinetobacter baumannii</i> . <i>Anesthesiology</i> , 2012 , 117, 1335-47	4.3	143
51	A simple automated method for measuring pressure-volume curves during mechanical ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999 , 159, 275-82	10.2	138
50	Lung deposition and efficiency of nebulized amikacin during <i>Escherichia coli</i> pneumonia in ventilated piglets. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 166, 1375-81	10.2	126
49	Personalised mechanical ventilation tailored to lung morphology versus low positive end-expiratory pressure for patients with acute respiratory distress syndrome in France (the LIVE study): a multicentre, single-blind, randomised controlled trial. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 870-880	35.1	116
48	Lung morphology predicts response to recruitment maneuver in patients with acute respiratory distress syndrome. <i>Critical Care Medicine</i> , 2010 , 38, 1108-17	1.4	97
47	Training for Lung Ultrasound Score Measurement in Critically Ill Patients. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 398-401	10.2	80
46	Lung tissue concentrations of nebulized amikacin during mechanical ventilation in piglets with healthy lungs. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2002 , 165, 171-5	10.2	78
45	Lung ultrasound in acute respiratory distress syndrome and acute lung injury. <i>Current Opinion in Critical Care</i> , 2008 , 14, 70-4	3.5	76
44	Early fluid loading in acute respiratory distress syndrome with septic shock deteriorates lung aeration without impairing arterial oxygenation: a lung ultrasound observational study. <i>Critical Care</i> , 2014 , 18, R91	10.8	73
43	Response to recruitment maneuver influences net alveolar fluid clearance in acute respiratory distress syndrome. <i>Anesthesiology</i> , 2007 , 106, 944-51	4.3	73
42	Expiratory washout versus optimization of mechanical ventilation during permissive hypercapnia in patients with severe acute respiratory distress syndrome. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1999 , 160, 77-85	10.2	71
41	Aerosolized antibiotics for ventilator-associated pneumonia: lessons from experimental studies. <i>Anesthesiology</i> , 2012 , 117, 1364-80	4.3	70
40	Lung ultrasonography for assessment of oxygenation response to prone position ventilation in ARDS. <i>Intensive Care Medicine</i> , 2016 , 42, 1546-1556	14.5	67
39	Mechanical ventilation-induced air-space enlargement during experimental pneumonia in piglets. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001 , 163, 958-64	10.2	67
38	Nebulization of Antiinfective Agents in Invasively Mechanically Ventilated Adults: A Systematic Review and Meta-analysis. <i>Anesthesiology</i> , 2017 , 126, 890-908	4.3	64
37	Elevated Plasma Levels of sRAGE Are Associated With Nonfocal CT-Based Lung Imaging in Patients With ARDS: A Prospective Multicenter Study. <i>Chest</i> , 2016 , 150, 998-1007	5.3	62

36	Prevention of gram negative nosocomial bronchopneumonia by intratracheal colistin in critically ill patients. Histologic and bacteriologic study. <i>Intensive Care Medicine</i> , 1994 , 20, 187-92	14.5	51
35	Intravenous versus nebulized ceftazidime in ventilated piglets with and without experimental bronchopneumonia: comparative effects of helium and nitrogen. <i>Anesthesiology</i> , 2005 , 102, 995-1000	4.3	48
34	Influence of lung aeration on pulmonary concentrations of nebulized and intravenous amikacin in ventilated piglets with severe bronchopneumonia. <i>Anesthesiology</i> , 2002 , 97, 199-206	4.3	47
33	Measurement of alveolar derecruitment in patients with acute lung injury: computerized tomography versus pressure-volume curve. <i>Critical Care</i> , 2006 , 10, R95	10.8	46
32	Nebulized ceftazidime in experimental pneumonia caused by partially resistant <i>Pseudomonas aeruginosa</i> . <i>Intensive Care Medicine</i> , 2009 , 35, 1792-800	14.5	41
31	Key considerations on nebulization of antimicrobial agents to mechanically ventilated patients. <i>Clinical Microbiology and Infection</i> , 2017 , 23, 640-646	9.5	38
30	Comparison of lung tissue concentrations of nebulized ceftazidime in ventilated piglets: ultrasonic versus vibrating plate nebulizers. <i>Intensive Care Medicine</i> , 2008 , 34, 1718-23	14.5	30
29	Intratracheal Administration of Antimicrobial Agents in Mechanically Ventilated Adults: An International Survey on Delivery Practices and Safety. <i>Respiratory Care</i> , 2016 , 61, 1008-14	2.1	28
28	Nosocomial infection in the critically ill: the lung as a target organ. <i>Anesthesiology</i> , 1996 , 84, 757-9	4.3	28
27	Lung Ultrasound in Emergency and Critically Ill Patients: Number of Supervised Exams to Reach Basic Competence. <i>Anesthesiology</i> , 2020 , 132, 899-907	4.3	26
26	Bench-to-bedside review: adjuncts to mechanical ventilation in patients with acute lung injury. <i>Critical Care</i> , 2005 , 9, 465-71	10.8	15
25	Ventilator-associated pneumonia caused by multidrug-resistant Gram-negative bacteria: understanding nebulization of aminoglycosides and colistin. <i>Intensive Care Medicine</i> , 2020 , 46, 766-770	14.5	15
24	Histology and microbiology of ventilator-associated pneumonias. <i>Seminars in Respiratory Infections</i> , 1996 , 11, 54-61		15
23	Lung deposition of continuous and intermittent intravenous ceftazidime in experimental <i>Pseudomonas aeruginosa</i> bronchopneumonia. <i>Intensive Care Medicine</i> , 2006 , 32, 2042-8	14.5	13
22	Ischaemic colitis: indications, extent, and results of standardized emergency surgery. <i>Digestive and Liver Disease</i> , 2014 , 46, 505-11	3.3	12
21	T regulatory cells activation and distribution are modified in critically ill patients with acute respiratory distress syndrome: A prospective single-centre observational study. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2020 , 39, 35-44	3	11
20	Modification of Tracheal Cuff Shape and Continuous Cuff Pressure Control to Prevent Microaspiration in an Ex Vivo Pig Tracheal Two-Lung Model. <i>Critical Care Medicine</i> , 2017 , 45, e1262-e1269	4	9
19	Plasma levels of sRAGE, loss of aeration and weaning failure in ICU patients: a prospective observational multicenter study. <i>PLoS ONE</i> , 2013 , 8, e64083	3.7	8

18	Lung ultrasound: a useful tool in the weaning process?. <i>Revista Brasileira De Terapia Intensiva</i> , 2016 , 28, 5-7	1.2	8
17	Nebulized Antibiotics: Epithelial Lining Fluid Concentrations Overestimate Lung Tissue Concentrations. <i>Anesthesiology</i> , 2019 , 131, 229-232	4.3	8
16	Influence of diluent volume of colistimethate sodium on aerosol characteristics and pharmacokinetics in ventilator-associated pneumonia caused by MDR bacteria. <i>Journal of Antimicrobial Chemotherapy</i> , 2018 , 73, 1639-1646	5.1	6
15	Nebulization of Vancomycin Provides Higher Lung Tissue Concentrations than Intravenous Administration in Ventilated Female Piglets with Healthy Lungs. <i>Anesthesiology</i> , 2020 , 132, 1516-1527	4.3	6
14	Trendelenburg Position and Morbid Obesity: A Respiratory Challenge for the Anesthesiologist. <i>Anesthesiology</i> , 2019 , 131, 10-13	4.3	6
13	The INHALE trial: multiple reasons for a negative result. <i>Lancet Infectious Diseases</i> , 2020 , 20, 778-779	5.5	5
12	Inoculation Pneumonia Caused by Coagulase Negative. <i>Frontiers in Microbiology</i> , 2019 , 10, 2198	5.7	5
11	Respiratory effects of the Jarvik-7 artificial heart. <i>Journal of Applied Physiology</i> , 1989 , 66, 1984-9	3.7	5
10	Role of miR-466 in mesenchymal stromal cell derived extracellular vesicles treating inoculation pneumonia caused by multidrug-resistant <i>Pseudomonas aeruginosa</i> . <i>Clinical and Translational Medicine</i> , 2021 , 11, e287	5.7	5
9	SARS-CoV-2 pneumonia-receptor binding and lung immunopathology: a narrative review. <i>Critical Care</i> , 2021 , 25, 53	10.8	5
8	Nebulized Colistin in Ventilator-Associated Pneumonia and Tracheobronchitis: Historical Background, Pharmacokinetics and Perspectives. <i>Microorganisms</i> , 2021 , 9,	4.9	4
7	Bedside Ultrasound Assessment of Positive End Expiratory Pressure-induced Lung Recruitment. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 185, 457-458	10.2	2
6	Nebulized antibiotics for ventilator-associated pneumonia: methodological framework for future multicenter randomized controlled trials. <i>Current Opinion in Infectious Diseases</i> , 2021 , 34, 156-168	5.4	2
5	Sevoflurane in Acute Respiratory Distress Syndrome: Are Lung Protection and Anesthesia Depth Influenced by Pulmonary Morphology?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 197, 830-832	10.2	1
4	Lack of lung tissue penetration after intravenous colistimethate administration: reply to Imberti. <i>Intensive Care Medicine</i> , 2010 , 36, 1796-1797	14.5	1
3	Intraoperative pulmonary hyperdistention estimated by transthoracic lung ultrasound: A pilot study. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2020 , 39, 825-831	3	1
2	Functional respiratory imaging of the airways in the acute respiratory distress syndrome. <i>Anaesthesia, Critical Care & Pain Medicine</i> , 2020 , 39, 207-213	3	0
1	Management of severe trauma worldwide: implementation of trauma systems in emerging countries: China, Russia and South Africa. <i>Critical Care</i> , 2021 , 25, 286	10.8	0

