

# Pedro R PÃ¡voa

## List of Publications by Year in descending order

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Version: 2024-02-01

130  
papers

5,171  
citations

94433

37  
h-index

98798

67  
g-index

138  
all docs

138  
docs citations

138  
times ranked

6680  
citing authors

#	ARTICLE	IF	CITATIONS
1	C-reactive protein: a valuable marker of sepsis. <i>Intensive Care Medicine</i> , 2002, 28, 235-243.	8.2	331
2	Antibiotics in critically ill patients: a systematic review of the pharmacokinetics of $\beta$ -lactams. <i>Critical Care</i> , 2011, 15, R206.	5.8	316
3	C-reactive protein as a marker of infection in critically ill patients. <i>Clinical Microbiology and Infection</i> , 2005, 11, 101-108.	6.0	247
4	Symptoms of burnout in intensive care unit specialists facing the COVID-19 outbreak. <i>Annals of Intensive Care</i> , 2020, 10, 110.	4.6	239
5	Relationship between SARS-CoV-2 infection and the incidence of ventilator-associated lower respiratory tract infections: a European multicenter cohort study. <i>Intensive Care Medicine</i> , 2021, 47, 188-198.	8.2	237
6	Personal protective equipment and intensive care unit healthcare worker safety in the COVID-19 era (PPE-SAFE): An international survey. <i>Journal of Critical Care</i> , 2020, 59, 70-75.	2.2	234
7	A Comparison of the Quick-SOFA and Systemic Inflammatory Response Syndrome Criteria for the Diagnosis of Sepsis and Prediction of Mortality. <i>Chest</i> , 2018, 153, 646-655.	0.8	182
8	Incidence and prognosis of ventilator-associated tracheobronchitis (TAVeM): a multicentre, prospective, observational study. <i>Lancet Respiratory Medicine</i> , 2015, 3, 859-868.	10.7	152
9	C-reactive protein as a marker of ventilator-associated pneumonia resolution: a pilot study. <i>European Respiratory Journal</i> , 2005, 25, 804-812.	6.7	143
10	Current challenges in the management of sepsis in ICUs in resource-poor settings and suggestions for the future. <i>Intensive Care Medicine</i> , 2017, 43, 612-624.	8.2	140
11	Diagnosis of severe respiratory infections in immunocompromised patients. <i>Intensive Care Medicine</i> , 2020, 46, 298-314.	8.2	135
12	Early identification of intensive care unit-acquired infections with daily monitoring of C-reactive protein: a prospective observational study. <i>Critical Care</i> , 2006, 10, R63.	5.8	118
13	The dynamics of the pulmonary microbiome during mechanical ventilation in the intensive care unit and the association with occurrence of pneumonia. <i>Thorax</i> , 2017, 72, 803-810.	5.6	118
14	C-reactive protein, an early marker of community-acquired sepsis resolution: a multi-center prospective observational study. <i>Critical Care</i> , 2011, 15, R169.	5.8	97
15	Clinical course and outcomes of critically ill patients with COVID-19 infection: a systematic review. <i>Clinical Microbiology and Infection</i> , 2021, 27, 47-54.	6.0	88
16	Usefulness of C-reactive protein in monitoring the severe community-acquired pneumonia clinical course. <i>Critical Care</i> , 2007, 11, R92.	5.8	83
17	Healthcare-associated infections in adult intensive care unit patients: Changes in epidemiology, diagnosis, prevention and contributions of new technologies. <i>Intensive and Critical Care Nursing</i> , 2022, 70, 103227.	2.9	80
18	Influence of vasopressor agent in septic shock mortality. Results from the Portuguese Community-Acquired Sepsis Study (SACiUCI study)*. <i>Critical Care Medicine</i> , 2009, 37, 410-416.	0.9	75

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19	Relationship between ventilator-associated pneumonia and mortality in COVID-19 patients: a planned ancillary analysis of the coVAPid cohort. <i>Critical Care</i> , 2021, 25, 177.	5.8	69
20	The role of corticosteroids in severe community-acquired pneumonia: a systematic review. <i>Critical Care</i> , 2008, 12, R76.	5.8	65
21	Early Bacterial Identification among Intubated Patients with COVID-19 or Influenza Pneumonia: A European Multicenter Comparative Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021, 204, 546-556.	5.6	65
22	Patterns of c-reactive protein RATIO response in severe community-acquired pneumonia: a cohort study. <i>Critical Care</i> , 2012, 16, R53.	5.8	64
23	Biomarker-guided antibiotic therapy in adult critically ill patients: a critical review. <i>Annals of Intensive Care</i> , 2012, 2, 32.	4.6	64
24	Gut Microbiota Diversity and C-Reactive Protein Are Predictors of Disease Severity in COVID-19 Patients. <i>Frontiers in Microbiology</i> , 2021, 12, 705020.	3.5	57
25	Duration of antibiotic therapy in the intensive care unit. <i>Journal of Thoracic Disease</i> , 2016, 8, 3774-3780.	1.4	56
26	The potential role of exhaled breath analysis in the diagnostic process of pneumonia—a systematic review. <i>Journal of Breath Research</i> , 2018, 12, 024001.	3.0	56
27	Serum markers in community-acquired pneumonia and ventilator-associated pneumonia. <i>Current Opinion in Infectious Diseases</i> , 2008, 21, 157-162.	3.1	55
28	International variation in the management of severe COVID-19 patients. <i>Critical Care</i> , 2020, 24, 486.	5.8	55
29	Pilot Study Evaluating C-Reactive Protein Levels in the Assessment of Response to Treatment of Severe Bloodstream Infection. <i>Clinical Infectious Diseases</i> , 2005, 40, 1855-1857.	5.8	54
30	Biomarker kinetics in the prediction of VAP diagnosis: results from the BioVAP study. <i>Annals of Intensive Care</i> , 2016, 6, 32.	4.6	50
31	Biomarker-guided antibiotic therapy—strengths and limitations. <i>Annals of Translational Medicine</i> , 2017, 5, 208-208.	1.7	50
32	Expert statement on the ICU management of patients with thrombotic thrombocytopenic purpura. <i>Intensive Care Medicine</i> , 2019, 45, 1518-1539.	8.2	47
33	Core Outcomes Set for Trials in People With Coronavirus Disease 2019. <i>Critical Care Medicine</i> , 2020, 48, 1622-1635.	0.9	47
34	Impact of systemic corticosteroids on the clinical course and outcomes of patients with severe community-acquired pneumonia: A cohort study. <i>Journal of Critical Care</i> , 2011, 26, 193-200.	2.2	46
35	Diagnostic accuracy of C-reactive protein and procalcitonin in the early detection of infection after elective colorectal surgery—a pilot study. <i>BMC Infectious Diseases</i> , 2014, 14, 444.	2.9	46
36	Assessment of pharmacokinetic changes of meropenem during therapy in septic critically ill patients. <i>BMC Pharmacology &amp; Toxicology</i> , 2014, 15, 21.	2.4	41

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37	The current status of biomarkers for the diagnosis of nosocomial pneumonias. <i>Current Opinion in Critical Care</i> , 2017, 23, 391-397.	3.2	41
38	Core Outcome Measures for Trials in People With Coronavirus Disease 2019: Respiratory Failure, Multiorgan Failure, Shortness of Breath, and Recovery. <i>Critical Care Medicine</i> , 2021, 49, 503-516.	0.9	41
39	C-reactive protein in critically ill cancer patients with sepsis: influence of neutropenia. <i>Critical Care</i> , 2011, 15, R129.	5.8	38
40	Clinical and organizational factors associated with mortality during the peak of first COVID-19 wave: the global UNITE-COVID study. <i>Intensive Care Medicine</i> , 2022, 48, 690-705.	8.2	38
41	Evaluation of a recruitment maneuver with positive inspiratory pressure and high PEEP in patients with severe ARDS. <i>Acta Anaesthesiologica Scandinavica</i> , 2004, 48, 287-293.	1.6	37
42	The Predisposition, Infection, Response and Organ Failure (Piro) Sepsis Classification System: Results of Hospital Mortality Using a Novel Concept and Methodological Approach. <i>PLoS ONE</i> , 2013, 8, e53885.	2.5	37
43	Dear Sepsis-3, we are sorry to say that we don't like you. <i>Revista Brasileira De Terapia Intensiva</i> , 2017, 29, 4-8.	0.3	35
44	Metformin-induced lactic acidosis: a case series. <i>Journal of Medical Case Reports</i> , 2007, 1, 126.	0.8	33
45	Failure to reduce C-reactive protein levels more than 25% in the last 24 hours before intensive care unit discharge predicts higher in-hospital mortality: A cohort study. <i>Journal of Critical Care</i> , 2012, 27, 525.e9-525.e15.	2.2	33
46	Corticosteroids for severe influenza pneumonia: A critical appraisal. <i>World Journal of Critical Care Medicine</i> , 2016, 5, 89.	1.8	33
47	The volatile metabolic fingerprint of ventilator-associated pneumonia. <i>Intensive Care Medicine</i> , 2014, 40, 761-762.	8.2	30
48	Optimizing Antimicrobial Drug Dosing in Critically Ill Patients. <i>Microorganisms</i> , 2021, 9, 1401.	3.6	27
49	Should C-reactive protein concentration at ICU discharge be used as a prognostic marker?. <i>BMC Anesthesiology</i> , 2010, 10, 17.	1.8	26
50	Antibiotic consumption and ventilator-associated pneumonia rates, some parallelism but some discrepancies. <i>Annals of Translational Medicine</i> , 2017, 5, 450-450.	1.7	26
51	Tools for outcome prediction in patients with community acquired pneumonia. <i>Expert Review of Clinical Pharmacology</i> , 2017, 10, 201-211.	3.1	24
52	Community-acquired pneumonia: identification and evaluation of nonresponders. <i>Therapeutic Advances in Infectious Disease</i> , 2013, 1, 5-17.	1.8	23
53	Biomarkers kinetics in the assessment of ventilator-associated pneumonia response to antibiotics - results from the BioVAP study. <i>Journal of Critical Care</i> , 2017, 41, 91-97.	2.2	23
54	Prevention and Control of Antimicrobial Resistant Healthcare-Associated Infections: The Microbiology Laboratory Rocks!. <i>Frontiers in Microbiology</i> , 2016, 7, 855.	3.5	21

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55	What is the role of steroids in pneumonia therapy?. <i>Current Opinion in Infectious Diseases</i> , 2012, 25, 199-204.	3.1	20
56	Continuous Infusion of Piperacillin/Tazobactam in Septic Critically Ill Patients—A Multicenter Propensity Matched Analysis. <i>PLoS ONE</i> , 2012, 7, e49845.	2.5	20
57	C-reactive protein and procalcitonin profile in ventilator-associated lower respiratory infections. <i>Journal of Critical Care</i> , 2018, 48, 385-389.	2.2	19
58	Clinical impact of stress dose steroids in patients with septic shock: insights from the PROWESS-Shock trial. <i>Critical Care</i> , 2015, 19, 193.	5.8	18
59	Systematic review on the first line treatment of amphotericin B in critically ill adults with candidemia or invasive candidiasis. <i>Expert Review of Anti-Infective Therapy</i> , 2018, 16, 839-847.	4.4	18
60	Patterns of C-reactive protein ratio response to antibiotics in pediatric sepsis: A prospective cohort study. <i>Journal of Critical Care</i> , 2018, 44, 217-222.	2.2	17
61	Using procalcitonin to guide antimicrobial duration in sepsis: asking the same questions will not bring different answers. <i>Critical Care</i> , 2014, 18, 142.	5.8	16
62	Corticosteroids in Severe Sepsis and Septic Shock. <i>Shock</i> , 2017, 47, 47-51.	2.1	16
63	Choosing antibiotic therapy for severe community-acquired pneumonia. <i>Current Opinion in Infectious Diseases</i> , 2022, 35, 133-139.	3.1	16
64	Assessment of risk factors for in-hospital mortality after intensive care unit discharge. <i>Biomarkers</i> , 2012, 17, 180-185.	1.9	15
65	Tumor necrosis factor receptor 1 (TNFR1) for ventilator-associated pneumonia diagnosis by cytokine multiplex analysis. <i>Intensive Care Medicine Experimental</i> , 2015, 3, 26.	1.9	15
66	Is there a continuum between ventilator-associated tracheobronchitis and ventilator-associated pneumonia?. <i>Intensive Care Medicine</i> , 2016, 42, 1190-1192.	8.2	15
67	The association of cardiovascular failure with treatment for ventilator-associated lower respiratory tract infection. <i>Intensive Care Medicine</i> , 2019, 45, 1753-1762.	8.2	15
68	Accuracy of the clinical pulmonary infection score to differentiate ventilator-associated tracheobronchitis from ventilator-associated pneumonia. <i>Annals of Intensive Care</i> , 2020, 10, 101.	4.6	15
69	Adrenergic Support in Septic Shock: A Critical Review. <i>Hospital Practice (1995)</i> , 2010, 38, 62-73.	1.0	14
70	Pancreatic Stone Protein: Review of a New Biomarker in Sepsis. <i>Journal of Clinical Medicine</i> , 2022, 11, 1085.	2.4	14
71	Ventilator-associated pneumonia diagnosis: a prioritization exercise based on multi-criteria decision analysis. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2020, 39, 281-286.	2.9	12
72	International Survey to Establish Prioritized Outcomes for Trials in People With Coronavirus Disease 2019. <i>Critical Care Medicine</i> , 2020, 48, 1612-1621.	0.9	12

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73	Longitudinal trajectory patterns of plasma albumin and C-reactive protein levels around diagnosis, relapse, bacteraemia, and death of acute myeloid leukaemia patients. <i>BMC Cancer</i> , 2020, 20, 249.	2.6	11
74	Impact of Chronic Obstructive Pulmonary Disease on Incidence, Microbiology and Outcome of Ventilator-Associated Lower Respiratory Tract Infections. <i>Microorganisms</i> , 2020, 8, 165.	3.6	11
75	Treatment of candidemia in adult patients without neutropenia - an inconvenient truth. <i>Critical Care</i> , 2011, 15, 114.	5.8	10
76	C-reactive protein and albumin kinetics after antibiotic therapy in community-acquired bloodstream infection. <i>International Journal of Infectious Diseases</i> , 2020, 95, 50-58.	3.3	10
77	Biomarkers as end points in clinical trials of severe sepsis: A garden of forking paths*. <i>Critical Care Medicine</i> , 2010, 38, 1749-1751.	0.9	9
78	Corticosteroids in severe community-acquired pneumonia: the path we choose depends on where we want to get. <i>Critical Care</i> , 2011, 15, 137.	5.8	9
79	Severe Diltiazem Poisoning Treated with Hyperinsulinaemia-Euglycaemia and Lipid Emulsion. <i>Case Reports in Critical Care</i> , 2013, 2013, 1-4.	0.4	9
80	Antimicrobial Stewardship in the Intensive Care Unit: The Role of Biomarkers, Pharmacokinetics, and Pharmacodynamics. <i>Advances in Therapy</i> , 2021, 38, 164-179.	2.9	9
81	Corticosteroids for H1N1 associated acute lung injury: is it just wishful thinking?. <i>Intensive Care Medicine</i> , 2010, 36, 1098-1099.	8.2	8
82	Novos marcadores biológicos na pneumonia comunitária grave. <i>Revista Brasileira De Terapia Intensiva</i> , 2011, 23, 499-506.	0.3	8
83	Do we need new trials of procalcitonin-guided antibiotic therapy?. <i>Critical Care</i> , 2018, 22, 17.	5.8	8
84	Biomarkers in Pulmonary Infections. <i>Clinical Pulmonary Medicine</i> , 2019, 26, 118-125.	0.3	8
85	Uso de biomarcadores na sepse: muitas perguntas, poucas respostas. <i>Revista Brasileira De Terapia Intensiva</i> , 2013, 25, 1-2.	0.3	8
86	Ventilator-associated tracheobronchitis: an update. <i>Revista Brasileira De Terapia Intensiva</i> , 2019, 31, 541-547.	0.3	8
87	Impact of C-reactive protein and albumin levels on short, medium, and long term mortality in patients with diffuse large B-cell lymphoma. <i>Annals of Medicine</i> , 2022, 54, 713-722.	3.8	8
88	Soluble urokinase plasminogen activator receptor for the prediction of ventilator-associated pneumonia. <i>ERJ Open Research</i> , 2019, 5, 00212-2018.	2.6	7
89	New biomarkers for respiratory infections. <i>Current Opinion in Pulmonary Medicine</i> , 2020, 26, 232-240.	2.6	7
90	Which Biomarkers Can Be Used as Diagnostic Tools for Infection in Suspected Sepsis?. <i>Seminars in Respiratory and Critical Care Medicine</i> , 2021, 42, 662-671.	2.1	7

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91	When should we use corticosteroids in severe community-acquired pneumonia?. Current Opinion in Infectious Diseases, 2021, 34, 169-174.	3.1	7
92	Plasma catecholamines and postural hypotension in familial amyloidotic polyneuropathy of the Portuguese type. Clinical Autonomic Research, 1991, 1, 271-274.	2.5	6
93	Outpatient management of community-acquired pneumonia. Current Opinion in Infectious Diseases, 2018, 31, 170-176.	3.1	6
94	Outpatient management of community-acquired pneumonia. Current Opinion in Pulmonary Medicine, 2019, 25, 249-256.	2.6	6
95	Antibiotic treatment in patients with sepsis: a narrative review. Hospital Practice (1995), 2022, 50, 203-213.	1.0	6
96	Management of severe community-acquired pneumonia: A survey on the attitudes of 468 physicians in Iberia and South America. Journal of Critical Care, 2014, 29, 743-747.	2.2	5
97	Fatal acute necrohaemorrhagic pancreatitis with massive intraperitoneal and retroperitoneal bleeding: a rare cause of exsanguination. BMJ Case Reports, 2016, 2016, bcr2015213732.	0.5	5
98	Patterns of C-reactive protein ratio predicts outcomes in healthcare-associated pneumonia in critically ill patients with cancer. Journal of Critical Care, 2017, 42, 231-237.	2.2	5
99	Real-life data patterns of C-reactive protein and albumin level trajectories around bacteremia. Biomarkers in Medicine, 2018, 12, 1251-1259.	1.4	5
100	Any Role for Biomarker-Guide Algorithms in Antibiotic Stewardship Programs?*. Critical Care Medicine, 2020, 48, 775-777.	0.9	5
101	PIRO and sepsis stratification: reality or mirage?. Revista Brasileira De Terapia Intensiva, 2015, 27, 196-8.	0.3	5
102	Corticosteroids in Sepsis: Pathophysiological Rationale and the Selection of Patients. Endocrine, Metabolic and Immune Disorders - Drug Targets, 2010, 10, 266-273.	1.2	4
103	Appraisal of systemic inflammation and diagnostic markers in a porcine model of VAP: secondary analysis from a study on novel preventive strategies. Intensive Care Medicine Experimental, 2018, 6, 42.	1.9	4
104	Clinical Significance of Viral Detection in Critically Ill Patients. More Questions Than Answers. American Journal of Respiratory and Critical Care Medicine, 2019, 199, 411-413.	5.6	4
105	Identification of distinct clinical phenotypes in mechanically ventilated patients with acute brain dysfunction using cluster analysis. Medicine (United States), 2020, 99, e20041.	1.0	4
106	Novel biomarkers in severe community-acquired pneumonia. Revista Brasileira De Terapia Intensiva, 2011, 23, 499-506.	0.3	4
107	Updated competency-based training in intensive care: next step towards a healthcare union in Europe?. Intensive Care Medicine, 0, , .	8.2	4
108	The role of corticosteroids in severe community-acquired pneumonia: a systematic review. Critical Care, 2008, 12, 434.	5.8	2

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109	Echinocandins - first line in invasive candidiasis: how strong is this 'strong' evidence?. Critical Care, 2011, 15, 461.	5.8	2
110	Biomarkers to guide the use of corticosteroids in community-acquired pneumonia: A wish rather than a tangible concept. Journal of Infection, 2013, 66, 290.	3.3	2
111	Amphotericin B in Severe Fungal Infections: A Critical Reappraisal of the Evidence. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 1032-1032.	5.6	2
112	Biomarker Kinetics in VAP. Clinical Pulmonary Medicine, 2015, 22, 185-191.	0.3	2
113	Leptospirosis: one of the forgotten diseases. Intensive Care Medicine, 2019, 45, 1816-1818.	8.2	2
114	Antifungal use in the surgical ICU patient. Current Opinion in Anaesthesiology, 2020, 33, 131-138.	2.0	2
115	Biomarkers in the ICU: less is more? Not sure. Intensive Care Medicine, 2021, 47, 101-103.	8.2	2
116	Perspectives of patients, family members, health professionals and the public on the impact of COVID-19 on mental health. Journal of Mental Health, 2022, 31, 524-533.	1.9	2
117	Autonomic function in patients with familial amyloidotic polyneuropathy and their relatives. Journal of the Autonomic Nervous System, 1990, 31, 172.	1.9	1
118	Hydrocortisone and Treatment of Multiple Trauma. JAMA - Journal of the American Medical Association, 2011, 306, 41; author reply 42.	7.4	1
119	Trials of Biomarker-Guided Antimicrobial Therapy in Sepsis. Critical Care Medicine, 2014, 42, e172.	0.9	1
120	Corticosteroid therapy for pneumonia. Lancet, The, 2015, 386, 954-955.	13.7	1
121	Long-term physical morbidity in ARDS survivors. Intensive Care Medicine, 2017, 43, 101-103.	8.2	1
122	Contributing factors to the plasma albumin level at diagnosis of hematological malignancy. Hospital Practice (1995), 2020, 48, 223-229.	1.0	1
123	The role of steroids in severe CAP. Hospital Practice (1995), 2020, 48, 12-22.	1.0	1
124	Subglottic secretion drainage: is reducing VAP enough?. Minerva Anestesiologica, 2020, 86, 805-807.	1.0	1
125	Antibiotic prophylaxis in ICU patients: should I do or not?. Intensive Care Medicine, 2022, 48, 1215-1217.	8.2	1
126	Current perspectives for the use of corticosteroids in sepsis: patient selection is the key. Therapy: Open Access in Clinical Medicine, 2008, 5, 797-800.	0.2	0



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127	Ventilator-associated pneumonia prevention: one good turn does not always deserve another. Intensive Care Medicine, 2017, 43, 1872-1874.	8.2	0
128	Hemodynamic Support. Hot Topics in Acute Care Surgery and Trauma, 2018, , 343-357.	0.1	0
129	Response. Chest, 2019, 155, 244-245.	0.8	0
130	Prevalência e desfechos das infecções nas UTIs brasileiras: mais uma peça no quebra-cabeça.... Revista Brasileira De Terapia Intensiva, 2012, 24, 115-116.	0.3	0