

Armand R J Girbes

List of Publications by Year in Descending Order

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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.

56
papers

781
citations

15
h-index

27
g-index

66
ext. papers

1,218
ext. citations

8.7
avg, IF

4.32
L-index

#	Paper	IF	Citations
56	The impact of lung ultrasound on clinical-decision making across departments: a systematic review.. <i>Ultrasound Journal</i> , 2022 , 14, 5	4.1	2
55	Some Patients Are More Equal Than Others: Variation in Ventilator Settings for Coronavirus Disease 2019 Acute Respiratory Distress Syndrome 2021 , 3, e0555		0
54	Understanding critically ill sepsis patients with normal serum lactate levels: results from U.S. and European ICU cohorts. <i>Scientific Reports</i> , 2021 , 11, 20076	4.9	1
53	Duration of antibiotic treatment using procalcitonin-guided treatment algorithms in older patients: a patient-level meta-analysis from randomized controlled trials. <i>Age and Ageing</i> , 2021 , 50, 1546-1556	3	1
52	Why we should sample sparsely and aim for a higher target: Lessons from model-based therapeutic drug monitoring of vancomycin in intensive care patients. <i>British Journal of Clinical Pharmacology</i> , 2021 , 87, 1234-1242	3.8	1
51	Transatlantic transferability of a new reinforcement learning model for optimizing haemodynamic treatment for critically ill patients with sepsis. <i>Artificial Intelligence in Medicine</i> , 2021 , 112, 102003	7.4	3
50	Sharing ICU Patient Data Responsibly Under the Society of Critical Care Medicine/European Society of Intensive Care Medicine Joint Data Science Collaboration: The Amsterdam University Medical Centers Database (AmsterdamUMCdb) Example. <i>Critical Care Medicine</i> , 2021 , 49, e563-e577	1.4	18
49	Rapid screening of critically ill patients for low plasma vitamin C concentrations using a point-of-care oxidation-reduction potential measurement. <i>Intensive Care Medicine Experimental</i> , 2021 , 9, 40	3.7	
48	Early high-dose vitamin C in post-cardiac arrest syndrome (VITaCCA): study protocol for a randomized, double-blind, multi-center, placebo-controlled trial. <i>Trials</i> , 2021 , 22, 546	2.8	0
47	The Dutch Data Warehouse, a multicenter and full-admission electronic health records database for critically ill COVID-19 patients. <i>Critical Care</i> , 2021 , 25, 304	10.8	8
46	Effect of Low-Normal vs High-Normal Oxygenation Targets on Organ Dysfunction in Critically Ill Patients: A Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2021 , 326, 940-948	27.4	10
45	Explainable Machine Learning on AmsterdamUMCdb for ICU Discharge Decision Support: Uniting Intensivists and Data Scientists 2021 , 3, e0529		4
44	Extended Lung Ultrasound to Differentiate Between Pneumonia and Atelectasis in Critically Ill Patients: A Diagnostic Accuracy Study. <i>Critical Care Medicine</i> , 2021 ,	1.4	6
43	Lung ultrasound in a tertiary intensive care unit population: a diagnostic accuracy study. <i>Critical Care</i> , 2021 , 25, 339	10.8	1
42	Predictors for extubation failure in COVID-19 patients using a machine learning approach.. <i>Critical Care</i> , 2021 , 25, 448	10.8	2
41	Right Dose, Right Now: Development of AutoKinetics for Real Time Model Informed Precision Antibiotic Dosing Decision Support at the Bedside of Critically Ill Patients. <i>Frontiers in Pharmacology</i> , 2020 , 11, 646	5.6	9
40	Time to stop randomized and large pragmatic trials for intensive care medicine syndromes: the case of sepsis and acute respiratory distress syndrome. <i>Journal of Thoracic Disease</i> , 2020 , 12, S101-S109	2.6	15

39	Machine learning for the prediction of sepsis: a systematic review and meta-analysis of diagnostic test accuracy. <i>Intensive Care Medicine</i> , 2020 , 46, 383-400	14.5	112
38	The attributable mortality of acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2020 , 46, 1508-1509	15.0	1
37	Association of kidney function with effectiveness of procalcitonin-guided antibiotic treatment: a patient-level meta-analysis from randomized controlled trials. <i>Clinical Chemistry and Laboratory Medicine</i> , 2020 , 59, 441-453	5.9	6
36	Indication and Prognostication 2020 , 29-34		
35	Diagnostic Accuracy of Procalcitonin and C-reactive Protein Is Insufficient to Predict Proven Infection: A Retrospective Cohort Study in Critically Ill Patients Fulfilling the Sepsis-3 Criteria. <i>Journal of Applied Laboratory Medicine</i> , 2020 , 5, 62-72	2	4
34	Breath-synchronized electrical stimulation of the expiratory muscles in mechanically ventilated patients: a randomized controlled feasibility study and pooled analysis. <i>Critical Care</i> , 2020 , 24, 628	10.8	3
33	Optimizing Predictive Performance of Bayesian Forecasting for Vancomycin Concentration in Intensive Care Patients. <i>Pharmaceutical Research</i> , 2020 , 37, 171	4.5	1
32	Clinically relevant pharmacokinetic knowledge on antibiotic dosing among intensive care professionals is insufficient: a cross-sectional study. <i>Critical Care</i> , 2019 , 23, 185	10.8	10
31	Expiratory muscle dysfunction in critically ill patients: towards improved understanding. <i>Intensive Care Medicine</i> , 2019 , 45, 1061-1071	14.5	38
30	Estimating Vitamin C Status in Critically Ill Patients with a Novel Point-of-Care Oxidation-Reduction Potential Measurement. <i>Nutrients</i> , 2019 , 11,	6.7	6
29	External Evaluation of Population Pharmacokinetic Models of Vancomycin in Large Cohorts of Intensive Care Unit Patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2019 , 63,	5.9	24
28	Respiratory Entrainment and Reverse Triggering in a Mechanically Ventilated Patient. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 499-505	4.7	6
27	UltraNurse: teaching point-of-care ultrasound to intensive care nurses. <i>Intensive Care Medicine</i> , 2019 , 45, 727-729	14.5	6
26	Amino Acid Loss during Continuous Venovenous Hemofiltration in Critically Ill Patients. <i>Blood Purification</i> , 2019 , 48, 321-329	3.1	6
25	Monitoring patient-ventilator breath contribution in the critically ill during neurally adjusted ventilatory assist: reliability and improved algorithms for bedside use. <i>Journal of Applied Physiology</i> , 2019 , 127, 264-271	3.7	6
24	Right Dose Right Now: bedside data-driven personalized antibiotic dosing in severe sepsis and septic shock - rationale and design of a multicenter randomized controlled superiority trial. <i>Trials</i> , 2019 , 20, 745	2.8	15
23	Invalid methods lead to inappropriate conclusions. <i>International Journal for Quality in Health Care</i> , 2019 , 31, 72	1.9	
22	Hyperoxia does not affect oxygen delivery in healthy volunteers while causing a decrease in sublingual perfusion. <i>Microcirculation</i> , 2018 , 25, e12433	2.9	7

21	Effects of hyperoxia on vascular tone in animal models: systematic review and meta-analysis. <i>Critical Care</i> , 2018 , 22, 189	10.8	14
20	Fluid balance-adjusted creatinine at initiation of continuous venovenous hemofiltration and mortality. A post-hoc analysis of a multicenter randomized controlled trial. <i>PLoS ONE</i> , 2018 , 13, e0197303	3.7	1
19	Bioelectrical impedance analysis-derived phase angle at admission as a predictor of 90-day mortality in intensive care patients. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 1019-1025	5.2	53
18	Effect of Bronchoscopy on Gas Exchange and Respiratory Mechanics in Critically Ill Patients With Atelectasis: An Observational Cohort Study. <i>Frontiers in Medicine</i> , 2018 , 5, 301	4.9	3
17	Estimation of the diaphragm neuromuscular efficiency index in mechanically ventilated critically ill patients. <i>Critical Care</i> , 2018 , 22, 238	10.8	23
16	Unsuspected serotonin toxicity in the ICU. <i>Annals of Intensive Care</i> , 2016 , 6, 85	8.9	11
15	Moderate hyperoxic versus near-physiological oxygen targets during and after coronary artery bypass surgery: a randomised controlled trial. <i>Critical Care</i> , 2016 , 20, 55	10.8	41
14	The dose makes the poison. <i>Intensive Care Medicine</i> , 2016 , 42, 632	14.5	1
13	An Outbreak of Clostridium difficile Ribotype 027 Associated with Length of Stay in the Intensive Care Unit and Use of Selective Decontamination of the Digestive Tract: A Case Control Study. <i>PLoS ONE</i> , 2016 , 11, e0160778	3.7	13
12	Investigating associations between ICU level and quality of care in the Netherlands: reporting only SMRs is not the whole story. <i>Intensive Care Medicine</i> , 2015 , 41, 1151	14.5	1
11	Ventilator-derived carbon dioxide production to assess energy expenditure in critically ill patients: proof of concept. <i>Critical Care</i> , 2015 , 19, 370	10.8	49
10	Microbiological findings and adequacy of antibiotic treatment in the critically ill patient with drowning-associated pneumonia. <i>Intensive Care Medicine</i> , 2014 , 40, 290-1	14.5	4
9	Speech in an orally intubated patient. <i>New England Journal of Medicine</i> , 2014 , 370, 1172-3	59.2	5
8	Recombinant human activated protein C in the treatment of acute respiratory distress syndrome: a randomized clinical trial. <i>PLoS ONE</i> , 2014 , 9, e90983	3.7	28
7	Red blood cell transfusion compared with gelatin solution and no infusion after cardiac surgery: effect on microvascular perfusion, vascular density, hemoglobin, and oxygen saturation. <i>Transfusion</i> , 2012 , 52, 2452-8	2.9	31
6	Comments on Reinhart et al.: consensus statement of the ESICM task force on colloid volume therapy in critically ill patients. <i>Intensive Care Medicine</i> , 2012 , 38, 1556-7; author reply 1558-9	14.5	6
5	Pharmacological treatment of sepsis. <i>Fundamental and Clinical Pharmacology</i> , 2008 , 22, 355-61	3.1	19
4	Intensive insulin therapy: of harm and health, of hypes and hypoglycemia. <i>Critical Care Medicine</i> , 2006 , 34, 246-8	1.4	30

3	Drug intervention trials in sepsis: divergent results. <i>Lancet, The</i> , 2004 , 363, 1721-3	40	94
2	Circulatory optimization of the patient with or at risk for shock. <i>Clinical Intensive Care: International Journal of Critical & Coronary Care Medicine</i> , 2000 , 11, 77-88		4
1	Lung ultrasound findings in patients with novel SARS-CoV2		3