

Armand R J Girbes

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2735245/armand-r-j-girbes-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
55	Drug intervention trials in sepsis: divergent results. <i>Lancet, The</i> , 2004 , 363, 1721-3	40	94
54	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
53	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
52	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
51	Expiratory muscle dysfunction in critically ill patients: towards improved understanding. <i>Intensive Care Medicine</i> , 2019 , 45, 1061-1071	14.5	38
50	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
49	Intensive insulin therapy: of harm and health, of hypes and hypoglycemia. <i>Critical Care Medicine</i> , 2006 , 34, 246-8	1.4	30
48	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
47	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
46	Estimation of the diaphragm neuromuscular efficiency index in mechanically ventilated critically ill patients. <i>Critical Care</i> , 2018 , 22, 238	10.8	23
45	Pharmacological treatment of sepsis. <i>Fundamental and Clinical Pharmacology</i> , 2008 , 22, 355-61	3.1	19
44	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
43	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
42	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
41	Effects of hyperoxia on vascular tone in animal models: systematic review and meta-analysis. <i>Critical Care</i> , 2018 , 22, 189	10.8	14
40	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

39	Unsuspected serotonin toxicity in the ICU. <i>Annals of Intensive Care</i> , 2016 , 6, 85	8.9	11
38	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
37	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
36	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
35	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
34	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
33	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
32	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
31	UltraNurse: teaching point-of-care ultrasound to intensive care nurses. <i>Intensive Care Medicine</i> , 2019 , 45, 727-729	14.5	6
30	Amino Acid Loss during Continuous Venovenous Hemofiltration in Critically Ill Patients. <i>Blood Purification</i> , 2019 , 48, 321-329	3.1	6
29	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
28	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
27	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
26	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
25	Speech in an orally intubated patient. <i>New England Journal of Medicine</i> , 2014 , 370, 1172-3	59.2	5
24	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
23	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
22	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

21	Explainable Machine Learning on AmsterdamUMCdb for ICU Discharge Decision Support: Uniting Intensivists and Data Scientists 2021 , 3, e0529		4
20	Lung ultrasound findings in patients with novel SARS-CoV2		3
19	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
18	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
17	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
16	The impact of lung ultrasound on clinical-decision making across departments: a systematic review.. <i>Ultrasound Journal</i> , 2022 , 14, 5	4.1	2
15	Predictors for extubation failure in COVID-19 patients using a machine learning approach.. <i>Critical Care</i> , 2021 , 25, 448	10.8	2
14	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
13	The attributable mortality of acute respiratory distress syndrome. <i>Intensive Care Medicine</i> , 2020 , 46, 1508-1509	15.0	1
12	The dose makes the poison. <i>Intensive Care Medicine</i> , 2016 , 42, 632	14.5	1
11	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, e0197307	3.7	1
10	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
9	Optimizing Predictive Performance of Bayesian Forecasting for Vancomycin Concentration in Intensive Care Patients. <i>Pharmaceutical Research</i> , 2020 , 37, 171	4.5	1
8	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
7	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
6	Lung ultrasound in a tertiary intensive care unit population: a diagnostic accuracy study. <i>Critical Care</i> , 2021 , 25, 339	10.8	1
5	Some Patients Are More Equal Than Others: Variation in Ventilator Settings for Coronavirus Disease 2019 Acute Respiratory Distress Syndrome 2021 , 3, e0555		0
4	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

3 Indication and Prognostication **2020**, 29-34

2 Invalid methods lead to inappropriate conclusions. *International Journal for Quality in Health Care*, **2019**, 31, 72 1.9

1 Rapid screening of critically ill patients for low plasma vitamin C concentrations using a point-of-care oxidation-reduction potential measurement. *Intensive Care Medicine Experimental*, **2021**, 9, 40 3.7