Arthur Raymond Hubert van Zanten

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.

132
papers

4,472
citations

32
h-index

g-index

5,968
ext. papers

25,968
avg, IF

L-index

#	Paper	IF	Citations
132	Comparison of the Beacon and Quark indirect calorimetry devices to measure resting energy expenditure in ventilated ICU patients <i>Clinical Nutrition ESPEN</i> , 2022 , 48, 370-377	1.3	
131	A 67-Year-Old Male Patient With COVID-19 (With Worsening Respiratory Function and Acute Kidney Failure <i>Chest</i> , 2022 , 161, e5-e11	5.3	5
130	Actively implementing an evidence-based feeding guideline for critically ill patients (NEED): a multicenter, cluster-randomized, controlled trial <i>Critical Care</i> , 2022 , 26, 46	10.8	O
129	Routine use of indirect calorimetry in critically ill patients: pros and cons Critical Care, 2022, 26, 123	10.8	0
128	Bioelectric impedance body composition and phase angle in relation to 90-day adverse outcome in hospitalized COVID-19 ward and ICU patients: The prospective BIAC-19 study. <i>Clinical Nutrition ESPEN</i> , 2021 , 46, 185-192	1.3	3
127	Immediate vs. gradual advancement to goal of enteral nutrition after elective abdominal surgery: A multicenter non-inferiority randomized trial. <i>Clinical Nutrition</i> , 2021 , 40, 5802-5811	5.9	Ο
126	Electrolyte disorders during the initiation of nutrition therapy in the ICU. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2021 , 24, 151-158	3.8	4
125	Bioelectric impedance analysis for body composition measurement and other potential clinical applications in critical illness. <i>Current Opinion in Critical Care</i> , 2021 , 27, 344-353	3.5	8
124	Case series of four secondary mucormycosis infections in COVID-19 patients, the Netherlands, December 2020 to May 2021. <i>Eurosurveillance</i> , 2021 , 26,	19.8	25
123	Micronutrient deficiencies in critical illness. Clinical Nutrition, 2021, 40, 3780-3786	5.9	5
122	Association of bioelectric impedance analysis body composition and disease severity in COVID-19 hospital ward and ICU patients: The BIAC-19 study. <i>Clinical Nutrition</i> , 2021 , 40, 2328-2336	5.9	18
121	Computer-Assisted Prescription: The Future of Nutrition Care?. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021 , 45, 452-454	4.2	1
120	Energy expenditure and indirect calorimetry in critical illness and convalescence: current evidence and practical considerations. <i>Journal of Intensive Care</i> , 2021 , 9, 8	7	10
119	Video-assisted placement of enteral feeding tubes using the Integrated Real-Time Imaging System (IRIS)-technology in critically ill patients. <i>Clinical Nutrition</i> , 2021 , 40, 5000-5007	5.9	2
118	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	O
117	Evaluation of the Initial General Ward Early Warning Score and ICU Admission, Hospital Length of Stay and Mortality. <i>Western Journal of Emergency Medicine</i> , 2021 , 22, 1131-1138	3.3	
116	Physical recovery of COVID-19 pneumosepsis intensive care survivors compared with non-COVID pneumosepsis intensive care survivors during post-intensive care hospitalization: The RECOVID retrospective cohort study. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021 ,	4.2	2

115	A guide to enteral nutrition in intensive care units: 10 expert tips for the daily practice <i>Critical Care</i> , 2021 , 25, 424	10.8	7
114	Gastrointestinal dysfunction in the critically ill: a systematic scoping review and research agenda proposed by the Section of Metabolism, Endocrinology and Nutrition of the European Society of Intensive Care Medicine. <i>Critical Care</i> , 2020 , 24, 224	10.8	29
113	Nutritional therapy in patients with sepsis: is less really more?. Critical Care, 2020, 24, 254	10.8	1
112	Mitochondrial dysfunction in critical illness during acute metabolic stress and convalescence: consequences for nutrition therapy. <i>Current Opinion in Critical Care</i> , 2020 , 26, 346-354	3.5	3
111	Exposure Variability and Target Attainment of Vancomycin: A Systematic Review Comparing Intermittent and Continuous Infusion. <i>Therapeutic Drug Monitoring</i> , 2020 , 42, 381-391	3.2	1
110	The effect of cisatracurium infusion on the energy expenditure of critically ill patients: an observational cohort study. <i>Critical Care</i> , 2020 , 24, 32	10.8	4
109	Resting energy expenditure by indirect calorimetry versus the ventilator-VCO derived method in critically ill patients: The DREAM-VCO prospective comparative study. <i>Clinical Nutrition ESPEN</i> , 2020 , 39, 137-143	1.3	4
108	Development of a clinical prediction rule for sepsis in primary care: protocol for the TeSD-IT study. <i>Diagnostic and Prognostic Research</i> , 2020 , 4, 12	5.5	2
107	Association of PROtein and CAloric Intake and Clinical Outcomes in Adult SEPTic and Non-Septic ICU Patients on Prolonged Mechanical Ventilation: The PROCASEPT Retrospective Study. <i>Journal of Parenteral and Enteral Nutrition</i> , 2020 , 44, 434-443	4.2	11
106	Metabolic support in the critically ill: a consensus of 19. <i>Critical Care</i> , 2019 , 23, 318	10.8	37
105	A multicenter, randomized, double-blind study of ulimorelin and metoclopramide in the treatment of critically ill patients with enteral feeding intolerance: PROMOTE trial. <i>Intensive Care Medicine</i> , 2019 , 45, 647-656	14.5	20
104	Effect of a Recombinant Human Soluble Thrombomodulin on Mortality in Patients With Sepsis-Associated Coagulopathy: The SCARLET Randomized Clinical Trial. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 1993-2002	27.4	134
103	Primum non nocere in early nutrition therapy during critical illness: Balancing the pros and cons of early very high protein administration. <i>Clinical Nutrition</i> , 2019 , 38, 1963-1964	5.9	1
102	The Effect of Nutrition on Early Stress-Induced Hyperglycemia, Serum Insulin Levels, and Exogenous Insulin Administration in Critically Ill Patients With Septic Shock: A Prospective	3.4	0
102	Observational Study. <i>Shock</i> , 2019 , 52, e31-e38	<i>J</i> 1	
101	Observational Study. Shock, 2019, 52, e31-e38 Metabolic effects of beta-blockers in critically ill patients: A retrospective cohort study. Heart and Lung: Journal of Acute and Critical Care, 2019, 48, 278-286	2.6	3
	Metabolic effects of beta-blockers in critically ill patients: A retrospective cohort study. <i>Heart and</i>		3
101	Metabolic effects of beta-blockers in critically ill patients: A retrospective cohort study. Heart and Lung: Journal of Acute and Critical Care, 2019, 48, 278-286 Current evidence on EB fatty acids in enteral nutrition in the critically ill: A systematic review and	2.6	

97	Mid-arm circumference method is invalid to estimate the body weight of elderly Emergency Department patients in the Netherlands. <i>Medicine (United States)</i> , 2019 , 98, e16722	1.8	2
96	Nutrition therapy and critical illness: practical guidance for the ICU, post-ICU, and long-term convalescence phases. <i>Critical Care</i> , 2019 , 23, 368	10.8	56
95	Feeding mitochondria: Potential role of nutritional components to improve critical illness convalescence. <i>Clinical Nutrition</i> , 2019 , 38, 982-995	5.9	47
94	ESPEN guideline on clinical nutrition in the intensive care unit. <i>Clinical Nutrition</i> , 2019 , 38, 48-79	5.9	810
93	Timing of PROTein INtake and clinical outcomes of adult critically ill patients on prolonged mechanical VENTilation: The PROTINVENT retrospective study. <i>Clinical Nutrition</i> , 2019 , 38, 883-890	5.9	48
92	Nutrition in the ICU: new trends versus old-fashioned standard enteral feeding?. <i>Current Opinion in Anaesthesiology</i> , 2018 , 31, 136-143	2.9	17
91	Is refeeding syndrome relevant for critically ill patients?. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2018 , 21, 130-137	3.8	13
90	Associations of hyperosmolar medications administered via nasogastric or nasoduodenal tubes and feeding adequacy, food intolerance and gastrointestinal complications amongst critically ill patients: A retrospective study. <i>Clinical Nutrition ESPEN</i> , 2018 , 25, 78-86	1.3	6
89	Pre-post evaluation of effects of a titanium dioxide coating on environmental contamination of an intensive care unit: the TITANIC study. <i>Journal of Hospital Infection</i> , 2018 , 99, 256-262	6.9	12
88	Reply-Letter to the Editor - Timing of PROTein INtake and clinical outcomes of adult critically ill patients on prolonged mechanical VENTilation: The PROTINVENT retrospective study. <i>Clinical Nutrition</i> , 2018 , 37, 1772-1773	5.9	6
87	Very high intact-protein formula successfully provides protein intake according to nutritional recommendations in overweight critically ill patients: a double-blind randomized trial. <i>Critical Care</i> , 2018 , 22, 156	10.8	30
86	Refeeding syndrome: relevance for the critically ill patient. Current Opinion in Critical Care, 2018, 24, 23.	5 ₃ 2 4 0	24
85	Changing paradigms in metabolic support and nutrition therapy during critical illness. <i>Current Opinion in Critical Care</i> , 2018 , 24, 223-227	3.5	1
84	Nutritional assessment of critically ill patients: validation of the modified NUTRIC score. <i>European Journal of Clinical Nutrition</i> , 2018 , 72, 428-435	5.2	56
83	Prehospital antibiotics in the ambulance for sepsis: a multicentre, open label, randomised trial. Lancet Respiratory Medicine, the, 2018 , 6, 40-50	35.1	131
82	Impact of caloric intake in critically ill patients with, and without, refeeding syndrome: A retrospective study. <i>Clinical Nutrition</i> , 2018 , 37, 1609-1617	5.9	50
81	Data on effects, tolerability and safety of Omega-3 Fatty Acids in Enteral Nutrition in the Critically ill. <i>Data in Brief</i> , 2018 , 21, 604-615	1.2	
80	The safety and efficacy of nicotine replacement therapy in the intensive care unit: a randomised controlled pilot study. <i>Annals of Intensive Care</i> , 2018 , 8, 70	8.9	6

(2016-2018)

79	recommended by the feeding guidelines for critically ill patients?". <i>Critical Care</i> , 2018 , 22, 330	10.8	1
78	Management of sepsis in out-of-hours primary care: a retrospective study of patients admitted to the intensive care unit. <i>BMJ Open</i> , 2018 , 8, e022832	3	9
77	Surgical ward nursesQesponses to worry: An observational descriptive study. <i>International Journal of Nursing Studies</i> , 2018 , 85, 90-95	5.8	4
76	Early enteral nutrition in critically ill patients: ESICM clinical practice guidelines. <i>Intensive Care Medicine</i> , 2017 , 43, 380-398	14.5	319
75	Is Less Really More with Respect to Permissive Feeding in Critical Illness?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 195, 691-692	10.2	
74	Parenteral glutamine should not be routinely used in adult critically ill patients. <i>Clinical Nutrition</i> , 2017 , 36, 1184-1185	5.9	3
73	Nutrition in the critically ill patient. Current Opinion in Anaesthesiology, 2017, 30, 178-185	2.9	15
72	Diagnostic accuracy of novel serological biomarkers to detect acute mesenteric ischemia: a systematic review and meta-analysis. <i>Internal and Emergency Medicine</i> , 2017 , 12, 821-836	3.7	54
71	The intensive care medicine research agenda in nutrition and metabolism. <i>Intensive Care Medicine</i> , 2017 , 43, 1239-1256	14.5	100
70	Capturing early signs of deterioration: the dutch-early-nurse-worry-indicator-score and its value in the Rapid Response System. <i>Journal of Clinical Nursing</i> , 2017 , 26, 2605-2613	3.2	21
69	Hydrolysed protein enteral nutrition is not superior to polymeric whole protein feeding with regard to gastrointestinal feeding tolerance and feeding adequacy. <i>Critical Care</i> , 2017 , 21, 232	10.8	3
68	Phlebitis as a consequence of peripheral intravenous administration of cisatracurium besylate in critically ill patients. <i>BMJ Case Reports</i> , 2016 , 2016,	0.9	4
67	De rol van het niet-pluisgevoel. TVZ - Verpleegkunde in Praktijk En Wetenschap, 2016 , 126, 17-18	Ο	
66	Switching From Intermittent to Continuous Infusion of Vancomycin in Critically Ill Patients: Toward a More Robust Exposure. <i>Therapeutic Drug Monitoring</i> , 2016 , 38, 398-401	3.2	11
65	Antioxidant Vitamins and Trace Elements in Critical Illness. <i>Nutrition in Clinical Practice</i> , 2016 , 31, 457-74	1 3.6	88
64	Nurses@vorry@s predictor of deteriorating surgical ward patients: A prospective cohort study of the Dutch-Early-Nurse-Worry-Indicator-Score. <i>International Journal of Nursing Studies</i> , 2016 , 59, 134-40	5.8	27
63	Authors Response to Vermeulen et al. Journal of Parenteral and Enteral Nutrition, 2016, 40, 12-3	4.2	2
62	Effects of implementation of a computerized nutritional protocol in mechanically ventilated critically ill patients: A single-centre before and after study. <i>Clinical Nutrition ESPEN</i> , 2016 , 11, e47-e54	1.3	14

61	Should We Increase Protein Delivery During Critical Illness?. <i>Journal of Parenteral and Enteral Nutrition</i> , 2016 , 40, 756-62	4.2	14
60	Dose Reduction of Caspofungin in Intensive Care Unit Patients with Child Pugh B Will Result in Suboptimal Exposure. <i>Clinical Pharmacokinetics</i> , 2016 , 55, 723-33	6.2	27
59	Noninvasive and invasive positive pressure ventilation for acute respiratory failure in critically ill patients: a comparative cohort study. <i>Journal of Thoracic Disease</i> , 2016 , 8, 813-25	2.6	9
58	Glutamine, fish oil and antioxidants in critical illness: MetaPlus trial post hoc safety analysis. <i>Annals of Intensive Care</i> , 2016 , 6, 119	8.9	12
57	Enteral versus parenteral nutrition in critically ill patients: an updated systematic review and meta-analysis of randomized controlled trials. <i>Critical Care</i> , 2016 , 20, 117	10.8	167
56	Relevance of non-nutritional calories in mechanically ventilated critically ill patients. <i>European Journal of Clinical Nutrition</i> , 2016 , 70, 1443-1450	5.2	27
55	In response to "Supplemental protein and energy likely account for multi-ingredient supplementation in mitigating morbidity and mortality in compromised elderly malnourished patients". <i>Clinical Nutrition</i> , 2016 , 35, 1578	5.9	
54	Metabolic and nutritional support of critically ill patients: consensus and controversies. <i>Critical Care</i> , 2015 , 19, 35	10.8	230
53	Chlorhexidine bathing and infections in critically ill patients. <i>JAMA - Journal of the American Medical Association</i> , 2015 , 313, 1862-3	27.4	1
52	No significant reduction in antibiotic treatment using a procalcitonin algorithm with low cutoff value in the intensive care unit?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 191, 858-9	10.2	1
51	Permissive Underfeeding or Standard Enteral Feeding in Critical Illness. <i>New England Journal of Medicine</i> , 2015 , 373, 1175-6	59.2	9
50	Enteral glutamine supplementation in critically ill patients: a systematic review and meta-analysis. <i>Critical Care</i> , 2015 , 19, 294	10.8	64
49	The postintensive care syndrome of survivors of critical illness and their families. <i>Journal of Clinical Nursing</i> , 2015 , 24, 876-9	3.2	14
48	Nutritional support and refeeding syndrome in critical illness. <i>Lancet Respiratory Medicine,the</i> , 2015 , 3, 904-5	35.1	18
47	NursesQworry or concern and early recognition of deteriorating patients on general wards in acute care hospitals: a systematic review. <i>Critical Care</i> , 2015 , 19, 230	10.8	86
46	Glutamine and antioxidants: status of their use in critical illness. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2015 , 18, 179-86	3.8	22
45	In critical illness, high-protein enteral nutrition with immune-modulating nutrients did not reduce infections. <i>Annals of Internal Medicine</i> , 2015 , 162, JC9	8	
44	Consequences of the REDOXS and METAPLUS Trials: The End of an Era of Glutamine and Antioxidant Supplementation for Critically Ill Patients?. <i>Journal of Parenteral and Enteral Nutrition</i> , 2015 , 39, 890-2	4.2	29

(2009-2015)

43	Still a Place for Metoclopramide as a Prokinetic Drug in Critically Ill Patients?. <i>Journal of Parenteral and Enteral Nutrition</i> , 2015 , 39, 763-6	4.2	8
42	Full or hypocaloric nutritional support for the critically ill patient: is less really more?. <i>Journal of Thoracic Disease</i> , 2015 , 7, 1086-91	2.6	3
41	Nutrition in Abdominal Aortic Repair 2015 , 623-634		
40	Should we stop prescribing metoclopramide as a prokinetic drug in critically ill patients?. <i>Critical Care</i> , 2014 , 18, 502	10.8	27
39	Glutamine supplementation in the critically ill: friend or foe?. Critical Care, 2014, 18, 143	10.8	12
38	Pharmacokinetics of caspofungin in ICU patients. <i>Journal of Antimicrobial Chemotherapy</i> , 2014 , 69, 3294	l- 9 .1	52
37	Timing of (supplemental) parenteral nutrition in critically ill patients: a systematic review. <i>Annals of Intensive Care</i> , 2014 , 4, 31	8.9	33
36	Standard vs enriched high protein enteral nutrition in the ICUreply. <i>JAMA - Journal of the American Medical Association</i> , 2014 , 312, 2288-9	27.4	4
35	Design and prospective validation of a dosing instrument for continuous infusion of vancomycin: a within-population approach. <i>European Journal of Clinical Pharmacology</i> , 2014 , 70, 1353-9	2.8	4
34	Guideline bundles adherence and mortality in severe sepsis and septic shock. <i>Critical Care Medicine</i> , 2014 , 42, 1890-8	1.4	158
33	High-protein enteral nutrition enriched with immune-modulating nutrients vs standard high-protein enteral nutrition and nosocomial infections in the ICU: a randomized clinical trial. JAMA - Journal of the American Medical Association, 2014, 312, 514-24	27.4	175
32	Nutrition in Abdominal Aortic Repair 2014 , 1-14		
31	How is intensive care reimbursed? A review of eight European countries. <i>Annals of Intensive Care</i> , 2013 , 3, 37	8.9	16
30	Nutrition barriers in abdominal aortic surgery: a multimodal approach for gastrointestinal dysfunction. <i>Journal of Parenteral and Enteral Nutrition</i> , 2013 , 37, 172-7	4.2	4
29	Hydrogen peroxide vapor decontamination of an intensive care unit to remove environmental reservoirs of multidrug-resistant gram-negative rods during an outbreak. <i>American Journal of Infection Control</i> , 2010 , 38, 754-6	3.8	48
28	Unravelling post-ICU mortality: predictors and causes of death. <i>European Journal of Anaesthesiology</i> , 2010 , 27, 486-90	2.3	20
27	Haemodynamic consequences of mild therapeutic hypothermia after cardiac arrest. <i>European Journal of Anaesthesiology</i> , 2010 , 27, 383-7	2.3	51
26	Pleural Enterococcus faecalis empyema: an unusual case. <i>Infection</i> , 2009 , 37, 56-9	5.8	4

25	Remifentanil-propofol analgo-sedation shortens duration of ventilation and length of ICU stay compared to a conventional regimen: a centre randomised, cross-over, open-label study in the Netherlands. <i>Intensive Care Medicine</i> , 2009 , 35, 291-8	14.5	97
24	The jury is still out on continuous infusion of beta-lactam antibiotics in intensive care patients. <i>Critical Care Medicine</i> , 2009 , 37, 2137-8	1.4	7
23	Blowing hot and cold? Skin counter warming to prevent shivering during therapeutic cooling. <i>Critical Care Medicine</i> , 2009 , 37, 2106-8	1.4	49
22	Posttraumatic stress disorder-related symptoms after critical care: the role of sedation and family. <i>Critical Care Medicine</i> , 2009 , 37, 1831-2; author reply 1832-3	1.4	2
21	Progressive respiratory distress due to neck mass. <i>BMJ Case Reports</i> , 2009 , 2009,	0.9	1
20	Ciprofloxacin pharmacokinetics in critically ill patients: a prospective cohort study. <i>Journal of Critical Care</i> , 2008 , 23, 422-30	4	72
19	Clinical validation of the non-invasive cardiac output monitor USCOM-1A in critically ill patients. <i>European Journal of Anaesthesiology</i> , 2008 , 25, 917-24	2.3	29
18	Unexpected fatal neurological deterioration after successful cardio-pulmonary resuscitation and therapeutic hypothermia. <i>Resuscitation</i> , 2008 , 76, 142-5	4	13
17	Continuous vs. intermittent cefotaxime administration in patients with chronic obstructive pulmonary disease and respiratory tract infections: pharmacokinetics/pharmacodynamics, bacterial susceptibility and clinical efficacy. <i>British Journal of Clinical Pharmacology</i> , 2007 , 63, 100-9	3.8	39
16	Severe local vancomycin induced skin necrosis. <i>British Journal of Clinical Pharmacology</i> , 2007 , 64, 553-4	3.8	18
15	Negative pressure pulmonary oedema. European Journal of Anaesthesiology, 2007, 24, 1057-8	2.3	
14	Unexpected tracheal compression detected after immediate extubation failure. <i>European Journal of Anaesthesiology</i> , 2007 , 24, 296-7	2.3	
13	Outbreak of Acinetobacter genomic species 3 in a Dutch intensive care unit. <i>Journal of Hospital Infection</i> , 2006 , 63, 485-7	6.9	17
12	Reliable new high-performance liquid chromatographic method for the determination of ciprofloxacin in human serum. <i>Therapeutic Drug Monitoring</i> , 2006 , 28, 278-81	3.2	13
11	Preventing nosocomial sinusitis in the ICU: Comment on article by Pneumatikos et al. <i>Intensive Care Medicine</i> , 2006 , 32, 1451; author reply 1452-3	14.5	2
10	Coma in an alcoholic: Marchiafava-Bignami disease. <i>New Zealand Medical Journal</i> , 2006 , 119, U2280	0.8	4
9	Hospital-acquired sinusitis is a common cause of fever of unknown origin in orotracheally intubated critically ill patients. <i>Critical Care</i> , 2005 , 9, R583-90	10.8	40
8	Early induction of hypothermia: will sooner be better?. <i>Critical Care Medicine</i> , 2005 , 33, 1449-52	1.4	27

LIST OF PUBLICATIONS

7	Free cortisol and critically ill patients. <i>New England Journal of Medicine</i> , 2004 , 351, 395-7; author reply 395-7	59.2	5
6	Induced hypothermia in traumatic brain injury: effective if properly employed. <i>Critical Care Medicine</i> , 2004 , 32, 313-4	1.4	36
5	Organizational changes in a single intensive care unit affect benchmarking. <i>Annals of Internal Medicine</i> , 2004 , 140, 674-5	8	4
4	Family satisfaction with intensive care unit care: influenced by workload, staffing, and patient selection?. <i>Critical Care Medicine</i> , 2003 , 31, 1597-8	1.4	2
3	The importance of magnesium in critically ill patients: a role in mitigating neurological injury and in the prevention of vasospasms. <i>Intensive Care Medicine</i> , 2003 , 29, 1202-3	14.5	23
2	Importance of nondrug costs of intravenous antibiotic therapy. <i>Critical Care</i> , 2003 , 7, R184-90	10.8	53
1	Infusion of ultrafiltrate from endotoxemic pigs depresses myocardial performance in normal pigs. <i>Journal of Critical Care</i> , 1993 , 8, 161-9	4	96