

# Michael P Casaer

## List of Publications by Year in descending order

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Version: 2024-02-01

83  
papers

10,647  
citations

117453

34  
h-index

66788

78  
g-index

92  
all docs

92  
docs citations

92  
times ranked

7952  
citing authors

#	ARTICLE	IF	CITATIONS
1	Early versus Late Parenteral Nutrition in Critically Ill Adults. <i>New England Journal of Medicine</i> , 2011, 365, 506-517.	13.9	2,410
2	ESPEN guideline on clinical nutrition in the intensive care unit. <i>Clinical Nutrition</i> , 2019, 38, 48-79.	2.3	1,610
3	Intensive insulin therapy for patients in paediatric intensive care: a prospective, randomised controlled study. <i>Lancet</i> , The, 2009, 373, 547-556.	6.3	1,572
4	Early enteral nutrition in critically ill patients: ESICM clinical practice guidelines. <i>Intensive Care Medicine</i> , 2017, 43, 380-398.	3.9	528
5	Early versus Late Parenteral Nutrition in Critically Ill Children. <i>New England Journal of Medicine</i> , 2016, 374, 1111-1122.	13.9	402
6	Acute Outcomes and 1-Year Mortality of Intensive Care Unit-acquired Weakness. A Cohort Study and Propensity-matched Analysis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 190, 410-420.	2.5	390
7	Metabolic and nutritional support of critically ill patients: consensus and controversies. <i>Critical Care</i> , 2015, 19, 35.	2.5	306
8	Effect of tolerating macronutrient deficit on the development of intensive-care unit acquired weakness: a subanalysis of the EPaNIC trial. <i>Lancet Respiratory Medicine</i> , the, 2013, 1, 621-629.	5.2	255
9	Nutrition in the Acute Phase of Critical Illness. <i>New England Journal of Medicine</i> , 2014, 370, 1227-1236.	13.9	252
10	Role of Disease and Macronutrient Dose in the Randomized Controlled EPaNIC Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 187, 247-255.	2.5	238
11	Interobserver agreement of medical research council sum-score and handgrip strength in the intensive care unit. <i>Muscle and Nerve</i> , 2012, 45, 18-25.	1.0	226
12	ESPEN micronutrient guideline. <i>Clinical Nutrition</i> , 2022, 41, 1357-1424.	2.3	178
13	Development and validation of a model for prediction of mortality in patients with acute burn injury. <i>British Journal of Surgery</i> , 2008, 96, 111-117.	0.1	162
14	The intensive care medicine research agenda in nutrition and metabolism. <i>Intensive Care Medicine</i> , 2017, 43, 1239-1256.	3.9	140
15	Impact of Early Parenteral Nutrition on Muscle and Adipose Tissue Compartments During Critical Illness*. <i>Critical Care Medicine</i> , 2013, 41, 2298-2309.	0.4	123
16	AKI predictor, an online prognostic calculator for acute kidney injury in adult critically ill patients: development, validation and comparison to serum neutrophil gelatinase-associated lipocalin. <i>Intensive Care Medicine</i> , 2017, 43, 764-773.	3.9	122
17	Five-year impact of ICU-acquired neuromuscular complications: a prospective, observational study. <i>Intensive Care Medicine</i> , 2020, 46, 1184-1193.	3.9	112
18	Effect of early supplemental parenteral nutrition in the paediatric ICU: a preplanned observational study of post-randomisation treatments in the PEPaNIC trial. <i>Lancet Respiratory Medicine</i> , the, 2017, 5, 475-483.	5.2	105

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19	Monitoring nutrition in the ICU. <i>Clinical Nutrition</i> , 2019, 38, 584-593.	2.3	105
20	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.	2.5	96
21	Intensive care unit acquired muscle weakness in COVID-19 patients. <i>Intensive Care Medicine</i> , 2020, 46, 2083-2085.	3.9	93
22	Impact of Early Parenteral Nutrition on Metabolism and Kidney Injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 995-1005.	3.0	86
23	Impact of early parenteral nutrition completing enteral nutrition in adult critically ill patients (EPaNIC trial): a study protocol and statistical analysis plan for a randomized controlled trial. <i>Trials</i> , 2011, 12, 21.	0.7	76
24	Impact of Early Nutrient Restriction During Critical Illness on the Nonthyroidal Illness Syndrome and Its Relation With Outcome: A Randomized, Controlled Clinical Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, 1006-1013.	1.8	74
25	Does artificial nutrition improve outcome of critical illness?. <i>Critical Care</i> , 2012, 17, 302.	2.5	71
26	Management of moderate to severe traumatic brain injury: an update for the intensivist. <i>Intensive Care Medicine</i> , 2022, 48, 649-666.	3.9	57
27	Early versus late parenteral nutrition in ICU patients: cost analysis of the EPaNIC trial. <i>Critical Care</i> , 2012, 16, R96.	2.5	56
28	Metabolic support in the critically ill: a consensus of 19. <i>Critical Care</i> , 2019, 23, 318.	2.5	55
29	A guide to enteral nutrition in intensive care units: 10 expert tips for the daily practice. <i>Critical Care</i> , 2021, 25, 424.	2.5	48
30	Bench-to-bedside review: Metabolism and nutrition. <i>Critical Care</i> , 2008, 12, 222.	2.5	46
31	Predictive value for weakness and 1-year mortality of screening electrophysiology tests in the ICU. <i>Intensive Care Medicine</i> , 2015, 41, 2138-2148.	3.9	46
32	Measurement of itching: Validation of the Leuven Itch Scale. <i>Burns</i> , 2011, 37, 939-950.	1.1	43
33	Autophagy and Its Implications Against Early Full Nutrition Support in Critical Illness. <i>Nutrition in Clinical Practice</i> , 2018, 33, 339-347.	1.1	43
34	Pruritus in patients with small burn injuries. <i>Burns</i> , 2008, 34, 185-191.	1.1	37
35	Hypophosphatemia in critically ill adults and children – A systematic review. <i>Clinical Nutrition</i> , 2021, 40, 1744-1754.	2.3	29
36	Withholding parenteral nutrition during critical illness increases plasma bilirubin but lowers the incidence of biliary sludge. <i>Hepatology</i> , 2014, 60, 202-210.	3.6	28

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37	Nutrition in the Acute Phase of Critical Illness. <i>New England Journal of Medicine</i> , 2014, 370, 2449-2451.	13.9	25
38	Muscle weakness and nutrition therapy in ICU. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2015, 18, 162-168.	1.3	25
39	Towards a fasting-mimicking diet for critically ill patients: the pilot randomized crossover ICU-FM-1 study. <i>Critical Care</i> , 2020, 24, 249.	2.5	24
40	Monitoring and parenteral administration of micronutrients, phosphate and magnesium in critically ill patients: The VITA-TRACE survey. <i>Clinical Nutrition</i> , 2021, 40, 590-599.	2.3	23
41	Nutritional support in critical illness and recovery. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 734-745.	5.5	22
42	Severe Adverse Reaction to Vemurafenib in a Pregnant Woman with Metastatic Melanoma. <i>Case Reports in Oncology</i> , 2018, 11, 119-124.	0.3	22
43	Micronutrient deficiency in critical illness: an invisible foe?. <i>Intensive Care Medicine</i> , 2019, 45, 1136-1139.	3.9	22
44	Near-Infrared Cerebral Oximetry to Predict Outcome After Pediatric Cardiac Surgery: A Prospective Observational Study*. <i>Pediatric Critical Care Medicine</i> , 2018, 19, 433-441.	0.2	21
45	Critical illness induces nutrient-independent adipogenesis and accumulation of alternatively activated tissue macrophages. <i>Critical Care</i> , 2013, 17, R193.	2.5	18
46	Supplemental parenteral nutrition in critically ill patients. <i>Lancet</i> , 2013, 381, 1715.	6.3	18
47	Intermittent or continuous feeding: any difference during the first week?. <i>Current Opinion in Critical Care</i> , 2019, 25, 356-362.	1.6	18
48	Aerobic exercise capacity in long-term survivors of critical illness: secondary analysis of the post-EPaNIC follow-up study. <i>Intensive Care Medicine</i> , 2021, 47, 1462-1471.	3.9	17
49	Early neuromuscular electrical stimulation reduces the loss of muscle mass in critically ill patients – A within subject randomized controlled trial. <i>Journal of Critical Care</i> , 2021, 62, 65-71.	1.0	16
50	Performance of Pediatric Mortality Prediction Scores for PICU Mortality and 90-Day Mortality*. <i>Pediatric Critical Care Medicine</i> , 2019, 20, 113-119.	0.2	13
51	The nutritional energy to clinical outcome relation revisited. <i>Critical Care</i> , 2014, 18, 140.	2.5	12
52	The clinical potential of GDF15 as a “ready-to-feed indicator” for critically ill adults. <i>Critical Care</i> , 2020, 24, 557.	2.5	12
53	Supplementation of vitamins, trace elements and electrolytes in the PEPaNIC Randomised Controlled Trial: Composition and preparation of the prescription. <i>Clinical Nutrition ESPEN</i> , 2021, 42, 244-251.	0.5	12
54	Beware of the commercialization of human cells and tissues: situation in the European Union. <i>Cell and Tissue Banking</i> , 2012, 13, 487-498.	0.5	11

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55	Five-year outcome of respiratory muscle weakness at intensive care unit discharge: secondary analysis of a prospective cohort study. <i>Thorax</i> , 2021, 76, 561-567.	2.7	11
56	Role of ketones, ketogenic diets and intermittent fasting in ICU. <i>Current Opinion in Critical Care</i> , 2021, 27, 385-389.	1.6	10
57	DNA methylation alterations in muscle of critically ill patients. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1731-1740.	2.9	9
58	C-reactive protein rise in response to macronutrient deficit early in critical illness: sign of inflammation or mediator of infection prevention and recovery. <i>Intensive Care Medicine</i> , 2022, 48, 25-35.	3.9	8
59	The soluble mannose receptor (sMR/sCD206) in critically ill patients with invasive fungal infections, bacterial infections or non-infectious inflammation: a secondary analysis of the EPaNIC RCT. <i>Critical Care</i> , 2019, 23, 270.	2.5	6
60	The GH Axis in Relation to Accepting an Early Macronutrient Deficit and Outcome of Critically Ill Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2019, 104, 5507-5518.	1.8	6
61	Continuous Assessment of Gastric Motility and Its Relation to Gastric Emptying in Adult Critically Ill Patients. <i>Journal of Parenteral and Enteral Nutrition</i> , 2020, 45, 1779-1784.	1.3	5
62	Indirect calorimetry: A faithful guide for nutrition therapy, or a fascinating research tool?. <i>Clinical Nutrition</i> , 2021, 40, 651.	2.3	5
63	Comment on "Protein Requirements in the Critically Ill: A Randomized Controlled Trial Using Parenteral Nutrition". <i>Journal of Parenteral and Enteral Nutrition</i> , 2016, 40, 763-763.	1.3	4
64	Povidone Iodine Disinfection Associated with Hypothyroidism and Potentially Contributing to Prolonged Kidney Failure. <i>Case Reports in Critical Care</i> , 2021, 2021, 1-8.	0.2	4
65	Editorial on the original article entitled "Permissive underfeeding of standard enteral feeding in critically ill adults" published in the <i>New England Journal of Medicine</i> on June 18, 2015. <i>Annals of Translational Medicine</i> , 2015, 3, 226.	0.7	4
66	Impact of tight glucose control on circulating 3-hydroxybutyrate in critically ill patients. <i>Critical Care</i> , 2021, 25, 373.	2.5	4
67	Optimal guidance for early nutrition therapy in critical illness?. <i>Intensive Care Medicine</i> , 2017, 43, 1720-1722.	3.9	3
68	Is protein intake saturated at doses recommended by the feeding guidelines for critically ill patients?. <i>Critical Care</i> , 2018, 22, 230.	2.5	3
69	Enteral nutrition: better navigation, yet unknown destination?. <i>Critical Care</i> , 2011, 15, 1015.	2.5	2
70	Correction: Does artificial nutrition improve outcome of critical illness. <i>Critical Care</i> , 2013, 17, 413.	2.5	2
71	Predicting patient nurse-level intensity for a subsequent shift in the intensive care unit: A single-centre prospective observational study. <i>International Journal of Nursing Studies</i> , 2020, 109, 103657.	2.5	2
72	Nutrition in the ICU: sometimes route does matter. <i>Lancet</i> , 2018, 391, 98-100.	6.3	1

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73	Optimising early nutritional support for medical inpatients. Lancet, The, 2019, 394, 2069.	6.3	1
74	Intermittent Fasting. Chest, 2020, 158, 2707.	0.4	1
75	Clinical validation of precision medicine protocols: the last mile is the longest. Intensive Care Medicine, 2021, 47, 80-82.	3.9	1
76	Editorial: Recent challenges in providing clinical nutrition and metabolic care. Current Opinion in Clinical Nutrition and Metabolic Care, 2022, 25, 86-87.	1.3	1
77	Development and validation of clinical prediction models for acute kidney injury recovery at hospital discharge in critically ill adults. Journal of Clinical Monitoring and Computing, 2023, 37, 113-125.	0.7	1
78	The authors reply. Critical Care Medicine, 2014, 42, e385-e386.	0.4	0
79	Timing and Indication for Parenteral Nutrition in the Critically Ill. , 2016, , 81-97.		0
80	The Belgian pressure ulcer risk assessment project: Is assessing mobility and skin status a more accurate, reliable, and feasible approach to assess pressure ulcer risk in hospitalised patients?. International Wound Journal, 2019, 16, 1577-1578.	1.3	0
81	Editorial: Five false arguments for using parenteral nutrition during the first week of critical illness. Current Opinion in Clinical Nutrition and Metabolic Care, 2021, 24, 142-145.	1.3	0
82	Targeted treatment of iron deficiency in prolonged critical illness: an opportunity to improve survival or not?. Critical Care, 2021, 25, 188.	2.5	0
83	Editorial: A broader perspective of nutritional therapy for the critically ill. Current Opinion in Clinical Nutrition and Metabolic Care, 2021, 24, 139-141.	1.3	0