

Greet Ha Van Den Berghe

List of Publications by Citations

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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.

524 papers	60,159 citations	90 h-index	239 g-index
563 ext. papers	67,902 ext. citations	9 avg, IF	7.54 L-index

#	Paper	IF	Citations
524	Intensive insulin therapy in critically ill patients. <i>New England Journal of Medicine</i> , 2001 , 345, 1359-67	59.2	12312
523	Intensive insulin therapy in the medical ICU. <i>New England Journal of Medicine</i> , 2006 , 354, 449-61	59.2	4168
522	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
521	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	10.2	2783
520	Early versus late parenteral nutrition in critically ill adults. <i>New England Journal of Medicine</i> , 2011 , 365, 506-17	59.2	2076
519	Outcome benefit of intensive insulin therapy in the critically ill: Insulin dose versus glycemic control. <i>Critical Care Medicine</i> , 2003 , 31, 359-66	1.4	1761
518	Intensive insulin therapy for patients in paediatric intensive care: a prospective, randomised controlled study. <i>Lancet, The</i> , 2009 , 373, 547-56	40	1435
517	ESPEN Guidelines on Enteral Nutrition: Intensive care. <i>Clinical Nutrition</i> , 2006 , 25, 210-23	5.9	1050
516	ESPEN Guidelines on Parenteral Nutrition: intensive care. <i>Clinical Nutrition</i> , 2009 , 28, 387-400	5.9	900
515	Protection of hepatocyte mitochondrial ultrastructure and function by strict blood glucose control with insulin in critically ill patients. <i>Lancet, The</i> , 2005 , 365, 53-9	40	892
514	Guidelines on diabetes, pre-diabetes, and cardiovascular diseases: executive summary. The Task Force on Diabetes and Cardiovascular Diseases of the European Society of Cardiology (ESC) and of the European Association for the Study of Diabetes (EASD). <i>European Heart Journal</i> , 2007 , 28, 88-136	9.5	889
513	Impact of intensive insulin therapy on neuromuscular complications and ventilator dependency in the medical intensive care unit. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 175, 480-9	10.2	807
512	Management of hyperglycemia in hospitalized patients in non-critical care setting: an endocrine society clinical practice guideline. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 16-38	5.6	737
511	Early parenteral nutrition evokes a phenotype of autophagy deficiency in liver and skeletal muscle of critically ill rabbits. <i>Endocrinology</i> , 2012 , 153, 2267-76	4.8	614
510	Tissue-specific glucose toxicity induces mitochondrial damage in a burn injury model of critical illness. <i>Critical Care Medicine</i> , 2009 , 37, 1355-64	1.4	579
509	Risks and benefits of nutritional support during critical illness. <i>Annual Review of Nutrition</i> , 2006 , 26, 513-38	3.9	550
508	Guidelines for pre-operative cardiac risk assessment and perioperative cardiac management in non-cardiac surgery. <i>European Heart Journal</i> , 2009 , 30, 2769-812	9.5	545

507	Intensive insulin therapy: enhanced Model Predictive Control algorithm versus standard care. <i>Intensive Care Medicine</i> , 2009 , 35, 123-8	14.5	518
506	Insulin therapy protects the central and peripheral nervous system of intensive care patients. <i>Neurology</i> , 2005 , 64, 1348-53	6.5	518
505	Intensive insulin therapy in mixed medical/surgical intensive care units: benefit versus harm. <i>Diabetes</i> , 2006 , 55, 3151-9	0.9	491
504	Intensive insulin therapy exerts antiinflammatory effects in critically ill patients and counteracts the adverse effect of low mannose-binding lectin levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 1082-8	5.6	401
503	Reduced cortisol metabolism during critical illness. <i>New England Journal of Medicine</i> , 2013 , 368, 1477-88	59.2	378
502	How does blood glucose control with insulin save lives in intensive care?. <i>Journal of Clinical Investigation</i> , 2004 , 114, 1187-95	15.9	357
501	Intensive insulin therapy protects the endothelium of critically ill patients. <i>Journal of Clinical Investigation</i> , 2005 , 115, 2277-86	15.9	334
500	Reduced activation and increased inactivation of thyroid hormone in tissues of critically ill patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 3202-11	5.6	314
499	Introductory to the ESPEN Guidelines on Enteral Nutrition: Terminology, definitions and general topics. <i>Clinical Nutrition</i> , 2006 , 25, 180-6	5.9	282
498	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, 410-20	10.2	275
497	Early versus Late Parenteral Nutrition in Critically Ill Children. <i>New England Journal of Medicine</i> , 2016 , 374, 1111-22	59.2	272
496	Clinical review: intensive care unit acquired weakness. <i>Critical Care</i> , 2015 , 19, 274	10.8	260
495	American College of Endocrinology position statement on inpatient diabetes and metabolic control. <i>Endocrine Practice</i> , 2004 , 10, 77-82	3.2	256
494	Anterior pituitary function during critical illness and dopamine treatment. <i>Critical Care Medicine</i> , 1996 , 24, 1580-90	1.4	255
493	Clinical review 95: Acute and prolonged critical illness as different neuroendocrine paradigms. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 1827-34	5.6	250
492	Metabolic and nutritional support of critically ill patients: consensus and controversies. <i>Critical Care</i> , 2015 , 19, 35	10.8	230
491	Contribution of circulating lipids to the improved outcome of critical illness by glycemic control with intensive insulin therapy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 219-26	5.6	226
490	Serum potassium levels and mortality in acute myocardial infarction. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 307, 157-64	27.4	223

489	Acute and Prolonged Critical Illness as Different Neuroendocrine Paradigms. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 1827-1834	5.6	218
488	Survival benefits of intensive insulin therapy in critical illness: impact of maintaining normoglycemia versus glycemia-independent actions of insulin. <i>Diabetes</i> , 2006 , 55, 1096-105	0.9	215
487	Bone turnover in prolonged critical illness: effect of vitamin D. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 4623-32	5.6	204
486	Serum 3,3',5'-triiodothyronine (rT3) and 3,5,3'-triiodothyronine/rT3 are prognostic markers in critically ill patients and are associated with postmortem tissue deiodinase activities. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 4559-65	5.6	201
485	Nutrition in the acute phase of critical illness. <i>New England Journal of Medicine</i> , 2014 , 370, 1227-36	59.2	200
484	Clinical review: Intensive insulin therapy in critically ill patients: NICE-SUGAR or Leuven blood glucose target?. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 3163-70	5.6	196
483	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> , 2013 , 1, 621-629	35.1	190
482	Metabolic, endocrine, and immune effects of stress hyperglycemia in a rabbit model of prolonged critical illness. <i>Endocrinology</i> , 2003 , 144, 5329-38	4.8	189
481	Clinical review: Critical illness polyneuropathy and myopathy. <i>Critical Care</i> , 2008 , 12, 238	10.8	185
480	Novel insights into the neuroendocrinology of critical illness. <i>European Journal of Endocrinology</i> , 2000 , 143, 1-13	6.5	179
479	Tight blood glucose control with insulin in the ICU: facts and controversies. <i>Chest</i> , 2007 , 132, 268-78	5.3	178
478	Analysis of healthcare resource utilization with intensive insulin therapy in critically ill patients. <i>Critical Care Medicine</i> , 2006 , 34, 612-6	1.4	175
477	Randomized, controlled trial of selective digestive decontamination in 600 mechanically ventilated patients in a multidisciplinary intensive care unit. <i>Critical Care Medicine</i> , 1997 , 25, 63-71	1.4	172
476	Role of disease and macronutrient dose in the randomized controlled EPaNIC trial: a post hoc analysis. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 187, 247-55	10.2	169
475	Reactivation of pituitary hormone release and metabolic improvement by infusion of growth hormone-releasing peptide and thyrotropin-releasing hormone in patients with protracted critical illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 1311-23	5.6	167
474	The Sick and the Weak: Neuropathies/Myopathies in the Critically Ill. <i>Physiological Reviews</i> , 2015 , 95, 1025-109	47.9	166
473	Non-thyroidal illness in the ICU: a syndrome with different faces. <i>Thyroid</i> , 2014 , 24, 1456-65	6.2	165
472	Neuroendocrinology of prolonged critical illness: effects of exogenous thyrotropin-releasing hormone and its combination with growth hormone secretagogues. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 309-19	5.6	160

471	Guidelines for pre-operative cardiac risk assessment and perioperative cardiac management in non-cardiac surgery: the Task Force for Preoperative Cardiac Risk Assessment and Perioperative Cardiac Management in Non-cardiac Surgery of the European Society of Cardiology (ESC) and endorsed by the European Society of Anaesthesiology (ESA). <i>European Journal of Anaesthesiology</i> , 2010 , 27, 92-137	2.3	158
470	Neuroendocrinology of Prolonged Critical Illness: Effects of Exogenous Thyrotropin-Releasing Hormone and Its Combination with Growth Hormone Secretagogues. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998 , 83, 309-319	5.6	158
469	Reactivation of Pituitary Hormone Release and Metabolic Improvement by Infusion of Growth Hormone-Releasing Peptide and Thyrotropin-Releasing Hormone in Patients with Protracted Critical Illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1999 , 84, 1311-1323	5.6	158
468	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	3.4	152
467	Dynamic characteristics of blood glucose time series during the course of critical illness: effects of intensive insulin therapy and relative association with mortality. <i>Critical Care Medicine</i> , 2010 , 38, 1021-9	1.4	151
466	Insufficient activation of autophagy allows cellular damage to accumulate in critically ill patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, E633-45	5.6	148
465	Strict blood glucose control with insulin during intensive care after cardiac surgery: impact on 4-years survival, dependency on medical care, and quality-of-life. <i>European Heart Journal</i> , 2006 , 27, 2716-24	9.5	145
464	Guidelines for the Diagnosis and Management of Critical Illness-Related Corticosteroid Insufficiency (CIRCI) in Critically Ill Patients (Part I): Society of Critical Care Medicine (SCCM) and European Society of Intensive Care Medicine (ESICM) 2017. <i>Critical Care Medicine</i> , 2017 , 45, 2078-2088	1.4	140
463	Clinical review: Consensus recommendations on measurement of blood glucose and reporting glycemic control in critically ill adults. <i>Critical Care</i> , 2013 , 17, 229	10.8	136
462	Dopamine and the sick euthyroid syndrome in critical illness. <i>Clinical Endocrinology</i> , 1994 , 41, 731-7	3.4	132
461	Dopamine suppresses pituitary function in infants and children. <i>Critical Care Medicine</i> , 1994 , 22, 1747-1753	5.3	131
460	American College of Endocrinology position statement on inpatient diabetes and metabolic control. <i>Endocrine Practice</i> , 2004 , 10 Suppl 2, 4-9	3.2	127
459	Guidelines for the diagnosis and management of critical illness-related corticosteroid insufficiency (CIRCI) in critically ill patients (Part I): Society of Critical Care Medicine (SCCM) and European Society of Intensive Care Medicine (ESICM) 2017. <i>Intensive Care Medicine</i> , 2017 , 43, 1751-1763	14.5	123
458	Visualizing the pressure and time burden of intracranial hypertension in adult and paediatric traumatic brain injury. <i>Intensive Care Medicine</i> , 2015 , 41, 1067-76	14.5	122
457	Removal of pro-inflammatory cytokines with renal replacement therapy: sense or nonsense?. <i>Intensive Care Medicine</i> , 1995 , 21, 169-76	14.5	122
456	Reducing mortality in sepsis: new directions. <i>Critical Care</i> , 2002 , 6 Suppl 3, S1-18	10.8	120
455	Thyrotrophin and prolactin release in prolonged critical illness: dynamics of spontaneous secretion and effects of growth hormone-secretagogues. <i>Clinical Endocrinology</i> , 1997 , 47, 599-612	3.4	114
454	Incidence and risk factors for pressure ulcers in the intensive care unit. <i>Journal of Clinical Nursing</i> , 2009 , 18, 1258-66	3.2	113

453	Polymorphisms in innate immunity genes predispose to bacteremia and death in the medical intensive care unit. <i>Critical Care Medicine</i> , 2009 , 37, 192-201, e1-3	1.4	113
452	Tissue thyroid hormone levels in critical illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 6498-507	5.6	112
451	ICU-acquired weakness. <i>Intensive Care Medicine</i> , 2020 , 46, 637-653	14.5	110
450	Regulation of insulin-like growth factor binding protein-1 during protracted critical illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 5516-23	5.6	110
449	Effect of intensive insulin therapy on insulin sensitivity in the critically ill. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 3890-7	5.6	105
448	The somatotrophic axis in critical illness: effect of continuous growth hormone (GH)-releasing hormone and GH-releasing peptide-2 infusion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 590-9	5.6	104
447	The Somatotrophic Axis in Critical Illness: Effect of Continuous Growth Hormone (GH)-Releasing Hormone and GH-Releasing Peptide-2 Infusion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1997 , 82, 590-599	5.6	104
446	Tight blood glucose control is renoprotective in critically ill patients. <i>Journal of the American Society of Nephrology: JASN</i> , 2008 , 19, 571-8	12.7	103
445	Neurocognitive development of children 4 years after critical illness and treatment with tight glucose control: a randomized controlled trial. <i>JAMA - Journal of the American Medical Association</i> , 2012 , 308, 1641-50	27.4	102
444	Insufficient autophagy contributes to mitochondrial dysfunction, organ failure, and adverse outcome in an animal model of critical illness. <i>Critical Care Medicine</i> , 2013 , 41, 182-94	1.4	102
443	Pressure autoregulation monitoring and cerebral perfusion pressure target recommendation in patients with severe traumatic brain injury based on minute-by-minute monitoring data. <i>Journal of Neurosurgery</i> , 2014 , 120, 1451-7	3.2	101
442	The prenatal role of thyroid hormone evidenced by fetomaternal Pit-1 deficiency. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1995 , 80, 3127-30	5.6	101
441	The intensive care medicine research agenda in nutrition and metabolism. <i>Intensive Care Medicine</i> , 2017 , 43, 1239-1256	14.5	100
440	Pharmacokinetics of continuous renal replacement therapy. <i>Intensive Care Medicine</i> , 1995 , 21, 612-20	14.5	100
439	Endocrine aspects of acute and prolonged critical illness. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2006 , 2, 20-31		98
438	Dynamic neuroendocrine responses to critical illness. <i>Frontiers in Neuroendocrinology</i> , 2002 , 23, 370-91	8.9	97
437	Impact of early parenteral nutrition on muscle and adipose tissue compartments during critical illness. <i>Critical Care Medicine</i> , 2013 , 41, 2298-309	1.4	96
436	The combined administration of GH-releasing peptide-2 (GHRP-2), TRH and GnRH to men with prolonged critical illness evokes superior endocrine and metabolic effects compared to treatment with GHRP-2 alone. <i>Clinical Endocrinology</i> , 2002 , 56, 655-69	3.4	96

435	The ICM research agenda on intensive care unit-acquired weakness. <i>Intensive Care Medicine</i> , 2017 , 43, 1270-1281	14.5	95
434	Modulation of asymmetric dimethylarginine in critically ill patients receiving intensive insulin treatment: a possible explanation of reduced morbidity and mortality?. <i>Critical Care Medicine</i> , 2005 , 33, 504-10	1.4	90
433	Muscle atrophy and preferential loss of myosin in prolonged critically ill patients. <i>Critical Care Medicine</i> , 2012 , 40, 79-89	1.4	86
432	Glucose metabolism and insulin resistance in sepsis. <i>Current Pharmaceutical Design</i> , 2008 , 14, 1887-99	3.3	86
431	Association between elevated blood glucose and outcome in acute heart failure: results from an international observational cohort. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 820-9	15.1	85
430	The type II iodothyronine deiodinase is up-regulated in skeletal muscle during prolonged critical illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 3330-3	5.6	84
429	Endocrine evaluation of patients with critical illness. <i>Endocrinology and Metabolism Clinics of North America</i> , 2003 , 32, 385-410	5.5	82
428	Five-day pulsatile gonadotropin-releasing hormone administration unveils combined hypothalamic-pituitary-gonadal defects underlying profound hypoandrogenism in men with prolonged critical illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 3217-26	5.6	81
427	Glycemic and nonglycemic effects of insulin: how do they contribute to a better outcome of critical illness?. <i>Current Opinion in Critical Care</i> , 2005 , 11, 304-11	3.5	80
426	Recovery after critical illness: putting the puzzle together-a consensus of 29. <i>Critical Care</i> , 2017 , 21, 296	10.8	79
425	Receptor for advanced glycation end products axis in critically ill patients. <i>Critical Care</i> , 2014 , 18, P211	10.8	78
424	Estimated GFR versus creatinine clearance for evaluation of recovery from acute kidney injury. <i>Critical Care</i> , 2014 , 18, P385	10.8	78
423	External validation of an early warning alert for elevated intracranial pressure in the Avert-IT database. <i>Critical Care</i> , 2014 , 18, P453	10.8	78
422	Impact of early parenteral nutrition on catabolism. <i>Critical Care</i> , 2013 , 17,	10.8	78
421	Critical illness induces nutrient-independent adipogenesis and accumulation of alternatively activated tissue macrophages. <i>Critical Care</i> , 2013 , 17,	10.8	78
420	Intensive insulin therapy in critically ill children: impact on blood glucose dynamics and its relation with mortality. <i>Critical Care</i> , 2013 , 17,	10.8	78
419	Early detection of acute kidney injury during the first week of the ICU. <i>Critical Care</i> , 2015 , 19, P285	10.8	78
418	FIBROBLAST GROWTH FACTOR 21 RESPONSE TO CRITICAL ILLNESS: EFFECT OF BLOOD GLUCOSE CONTROL AND RELATION WITH MITOCHONDRIAL DYSFUNCTION, THE INTEGRATED STRESS RESPONSE AND SURVIVAL. <i>Intensive Care Medicine Experimental</i> , 2015 , 3, A977	3.7	78

417	Novel models to predict elevated intracranial pressure during intensive care and long-term neurological outcome after TBI. <i>Critical Care</i> , 2012 , 16,	10.8	78
416	Aberrant bone metabolism in critical illness. <i>Critical Care</i> , 2012 , 16,	10.8	78
415	Reduced cortisol metabolism drives hypercortisolism in critical illness. <i>Critical Care</i> , 2012 , 16,	10.8	78
414	Effects of hyperglycemia and intensive insulin therapy on neurons and glial cells during critical illness. <i>Critical Care</i> , 2011 , 15,	10.8	78
413	Glycemic control in critically ill infants and children: achieved quality of control in daily clinical practice in Leuven after a RCT. <i>Critical Care</i> , 2011 , 15,	10.8	78
412	Mechanisms of kidney protection by intensive insulin therapy during critical illness. <i>Critical Care</i> , 2008 , 12, P151	10.8	78
411	Insulin signaling in critical illness: intensive versus conventional insulin therapy. <i>Critical Care</i> , 2005 , 9, P384	10.8	78
410	Cortisol metabolism in critical illness: effects of intensive insulin therapy. <i>Critical Care</i> , 2005 , 9, P390	10.8	78
409	Protection of mitochondria by intensive insulin therapy in critical illness: blood glucose control or insulin?. <i>Critical Care</i> , 2006 , 10, P241	10.8	78
408	Organ dysfunction in critical illness: impact of maintaining normoglycemia and glycemia-independent insulin actions. <i>Critical Care</i> , 2006 , 10, P248	10.8	78
407	Development of a tool to determining the number of medium care beds required for a large surgical ICU. <i>Critical Care</i> , 2004 , 8, P324	10.8	78
406	SAT-155 Temporal Activation of the Unfolded Protein Response and Concomitant Downregulation of Key Hepatic Transcription Factors in Critical Illness. <i>Journal of the Endocrine Society</i> , 2019 , 3,	0.4	78
405	OR20-6 Ketones and Sepsis-Induced Muscle Weakness: Signal or Fuel for Protection?. <i>Journal of the Endocrine Society</i> , 2019 , 3,	0.4	78
404	Critical illness-related corticosteroid insufficiency (CIRCI): a narrative review from a Multispecialty Task Force of the Society of Critical Care Medicine (SCCM) and the European Society of Intensive Care Medicine (ESICM). <i>Intensive Care Medicine</i> , 2017 , 43, 1781-1792	14.5	77
403	A paradoxical gender dissociation within the growth hormone/insulin-like growth factor I axis during protracted critical illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 183-92	5.6	77
402	L-thyroxine treatment of preterm newborns: clinical and endocrine effects. <i>Pediatric Research</i> , 1997 , 42, 87-92	3.2	75
401	Endocrine responses to critical illness: novel insights and therapeutic implications. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 1569-82	5.6	72
400	Five-Day Pulsatile Gonadotropin-Releasing Hormone Administration Unveils Combined Hypothalamic-Pituitary-Gonadal Defects Underlying Profound Hypoandrogenism in Men with Prolonged Critical Illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2001 , 86, 3217-3226	5.6	71

399	AKIpredictor, 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	14.5	70
398	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> , 2017 , 5, 475-483	35.1	70
397	Interventions for preventing critical illness polyneuropathy and critical illness myopathy. <i>The Cochrane Library</i> , 2014 , CD006832	5.2	70
396	LOGIC-insulin algorithm-guided versus nurse-directed blood glucose control during critical illness: the LOGIC-1 single-center, randomized, controlled clinical trial. <i>Diabetes Care</i> , 2013 , 36, 188-94	14.6	70
395	Critical illness evokes elevated circulating bile acids related to altered hepatic transporter and nuclear receptor expression. <i>Hepatology</i> , 2011 , 54, 1741-52	11.2	70
394	Expression of thyroid hormone transporters during critical illness. <i>European Journal of Endocrinology</i> , 2009 , 161, 243-50	6.5	70
393	A Paradoxical Gender Dissociation within the Growth Hormone/Insulin-Like Growth Factor I Axis during Protracted Critical Illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 183-192	5.6	70
392	Pituitary responsiveness to GH-releasing hormone, GH-releasing peptide-2 and thyrotrophin-releasing hormone in critical illness. <i>Clinical Endocrinology</i> , 1996 , 45, 341-51	3.4	69
391	Insulin therapy for the critically ill patient. <i>Clinical Cornerstone</i> , 2003 , 5, 56-63		68
390	Growth hormone secretion in critical illness: effect of dopamine. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994 , 79, 1141-6	5.6	67
389	Luteinizing hormone secretion and hypoandrogenaemia in critically ill men: effect of dopamine. <i>Clinical Endocrinology</i> , 1994 , 41, 563-9	3.4	67
388	Validation of a continuous, arterial pressure-based cardiac output measurement: a multicenter, prospective clinical trial. <i>Critical Care</i> , 2007 , 11, R105	10.8	66
387	The impact of using estimated GFR versus creatinine clearance on the evaluation of recovery from acute kidney injury in the ICU. <i>Intensive Care Medicine</i> , 2014 , 40, 1709-17	14.5	65
386	The impact of premorbid diabetic status on the relationship between the three domains of glycemic control and mortality in critically ill patients. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2012 , 15, 151-60	3.8	65
385	The neuroendocrine response to critical illness is a dynamic process. <i>Critical Care Clinics</i> , 2006 , 22, 1-15, v	4.5	65
384	A novel in vivo rabbit model of hypercatabolic critical illness reveals a biphasic neuroendocrine stress response. <i>Endocrinology</i> , 2002 , 143, 764-74	4.8	65
383	Thyroid axis function and dysfunction in critical illness. <i>Best Practice and Research in Clinical Endocrinology and Metabolism</i> , 2011 , 25, 745-57	6.5	64
382	The altered adrenal axis and treatment with glucocorticoids during critical illness. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2008 , 4, 496-505		64

381	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, 1006-13	5.6	63
380	Cortisol response to critical illness: effect of intensive insulin therapy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 3803-13	5.6	63
379	The interobserver agreement of handheld dynamometry for muscle strength assessment in critically ill patients. <i>Critical Care Medicine</i> , 2011 , 39, 1929-34	1.4	62
378	Growth hormone secretion in critical illness: effect of dopamine. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1994 , 79, 1141-1146	5.6	62
377	Impact of early parenteral nutrition on metabolism and kidney injury. <i>Journal of the American Society of Nephrology: JASN</i> , 2013 , 24, 995-1005	12.7	61
376	Novel methods to predict increased intracranial pressure during intensive care and long-term neurologic outcome after traumatic brain injury: development and validation in a multicenter dataset. <i>Critical Care Medicine</i> , 2013 , 41, 554-64	1.4	61
375	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	2.8	61
374	Tight blood glucose control: what is the evidence?. <i>Critical Care Medicine</i> , 2007 , 35, S496-502	1.4	60
373	Cholestatic liver (dys)function during sepsis and other critical illnesses. <i>Intensive Care Medicine</i> , 2016 , 42, 16-27	14.5	59
372	Changes in the central component of the hypothalamus-pituitary-thyroid axis in a rabbit model of prolonged critical illness. <i>Critical Care</i> , 2009 , 13, R147	10.8	58
371	Does artificial nutrition improve outcome of critical illness?. <i>Critical Care</i> , 2013 , 17, 302	10.8	57
370	Dopamine inhibits growth hormone and prolactin secretion in the human newborn. <i>Pediatric Research</i> , 1993 , 34, 642-5	3.2	57
369	Adrenal function and dysfunction in critically ill patients. <i>Nature Reviews Endocrinology</i> , 2019 , 15, 417-427	15.2	56
368	Preoperative blood glucose concentrations and postoperative outcomes after elective non-cardiac surgery: an observational study. <i>British Journal of Anaesthesia</i> , 2014 , 112, 79-88	5.4	55
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366	Neuroendocrine pathobiology of chronic critical illness. <i>Critical Care Clinics</i> , 2002 , 18, 509-28	4.5	55
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200	Critical illness induces nutrient-independent adipogenesis and accumulation of alternatively activated tissue macrophages. <i>Critical Care</i> , 2013 , 17, R193	10.8	13
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194	The somatotrophic axis in critical illness: effects of growth hormone secretagogues. <i>Growth Hormone and IGF Research</i> , 1998 , 8 Suppl B, 153-5	2	12
193	The role of insulin therapy in critically ill patients. <i>Treatments in Endocrinology: Guiding Your Management of Endocrine Disorders</i> , 2005 , 4, 353-60		12
192	Evidence for the use of parenteral nutrition in the pediatric intensive care unit. <i>Clinical Nutrition</i> , 2017 , 36, 218-223	5.9	11
191	Parenteral nutrition in the critically ill. <i>Current Opinion in Critical Care</i> , 2017 , 23, 149-158	3.5	11
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189	Impact of parenteral nutrition versus fasting on hepatic bile acid production and transport in a rabbit model of prolonged critical illness. <i>Shock</i> , 2014 , 41, 48-54	3.4	11
188	Novel insights in the HPA-axis during critical illness. <i>Acta Clinica Belgica</i> , 2014 , 69, 397-406	1.8	11
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183	Understanding the HPA response to critical illness: novel insights with clinical implications. <i>Intensive Care Medicine</i> , 2015 , 41, 131-3	14.5	10
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180	On the Role of Illness Duration and Nutrient Restriction in Cholestatic Alterations that Occur During Critical Illness. <i>Shock</i> , 2018 , 50, 187-198	3.4	10
179	Use of a Central Venous Line for Fluids, Drugs and Nutrient Administration in a Mouse Model of Critical Illness. <i>Journal of Visualized Experiments</i> , 2017 ,	1.6	10
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176	Obstetric Admissions to the Intensive Care Unit in a Tertiary Hospital. <i>Gynecologic and Obstetric Investigation</i> , 2016 , 81, 315-20	2.5	10
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174	What's new in the long-term neurodevelopmental outcome of critically ill children. <i>Intensive Care Medicine</i> , 2018 , 44, 649-651	14.5	9
173	The effect of rosiglitazone on asymmetric dimethylarginine (ADMA) in critically ill patients. <i>Pharmacological Research</i> , 2009 , 60, 519-24	10.2	9
172	Health-related quality of life of children and their parents 6 months after children's critical illness. <i>Quality of Life Research</i> , 2020 , 29, 179-189	3.7	9
171	Performance of strip-based glucose meters and cassette-based blood gas analyzer for monitoring glucose levels in a surgical intensive care setting. <i>Clinical Chemistry and Laboratory Medicine</i> , 2016 , 54, 169-80	5.9	8
170	Role of glucagon in protein catabolism. <i>Current Opinion in Critical Care</i> , 2018 , 24, 228-234	3.5	8
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168	Anterior pituitary morphology and hormone production during sustained critical illness in a rabbit model. <i>Hormone and Metabolic Research</i> , 2013 , 45, 277-82	3.1	8
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163	Can Optimal Cerebral Perfusion Pressure in Patients with Severe Traumatic Brain Injury Be Calculated Based on Minute-by-Minute Data Monitoring?. <i>Acta Neurochirurgica Supplementum</i> , 2016 , 122, 245-8	1.7	8
162	Management of sepsis. <i>New England Journal of Medicine</i> , 2007 , 356, 1179-81; author reply 1181-2	59.2	8
161	Performance of Pediatric Mortality Prediction Scores for PICU Mortality and 90-Day Mortality. <i>Pediatric Critical Care Medicine</i> , 2019 , 20, 113-119	3	7
160	Reduced cortisol metabolism during critical illness. <i>New England Journal of Medicine</i> , 2013 , 369, 481	59.2	7
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152	The placenta in fetal thyroid hormone delivery: from normal physiology to adaptive mechanisms in complicated pregnancies. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2020 , 33, 3857-3866	2	7
151	Prevalence and Prognostic Value of Abnormal Liver Test Results in Critically Ill Children and the Impact of Delaying Parenteral Nutrition. <i>Pediatric Critical Care Medicine</i> , 2018 , 19, 1120-1129	3	7
150	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
149	Intravenous morphine versus intravenous paracetamol after cardiac surgery in neonates and infants: a study protocol for a randomized controlled trial. <i>Trials</i> , 2018 , 19, 318	2.8	6
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142	The importance of strict blood glucose control with insulin therapy in the intensive care unit. <i>Current Diabetes Reviews</i> , 2008 , 4, 227-33	2.7	6
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140	Dynamics and prognostic value of the hypothalamus-pituitary-adrenal axis responses to pediatric critical illness and association with corticosteroid treatment: a prospective observational study. <i>Intensive Care Medicine</i> , 2020 , 46, 70-81	14.5	6
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130	Endocrinopathy of the Critically Ill. <i>Lessons From the ICU</i> , 2020 , 125-143	0.1	5

129	The role of pro-opiomelanocortin in the ACTH-cortisol dissociation of sepsis. <i>Critical Care</i> , 2021 , 25, 65	10.8	5
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127	Health-related quality of life of children and their parents 2 years after critical illness: pre-planned follow-up of the PEPaNIC international, randomized, controlled trial. <i>Critical Care</i> , 2020 , 24, 347	10.8	4
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117	Chapter 68 Endocrine emergencies 2011 ,		4
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103	Data mining techniques for predicting acute kidney injury after elective cardiac surgery. <i>Critical Care</i> , 2012 , 16,	10.8	3
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100	Assessment of blood glucose control in the pediatric intensive care unit: extension of the glycemic penalty index toward children and infants. <i>Journal of Diabetes Science and Technology</i> , 2011 , 5, 353-7	4.1	3
99	Acute Endocrinology 2008 ,		3
98	Interventions for preventing critical illness polyneuropathy and critical illness myopathy 2007 ,		3
97	Glucose control in the critically ill. <i>Contributions To Nephrology</i> , 2004 , 144, 119-31	1.6	3
96	Hyperglycemia and insulin resistance in COVID-19 versus non-COVID critical illness: Are they really different?. <i>Critical Care</i> , 2021 , 25, 437	10.8	3
95	Time course of altered DNA methylation evoked by critical illness and by early administration of parenteral nutrition in the paediatric ICU. <i>Clinical Epigenetics</i> , 2020 , 12, 155	7.7	3
94	Altered cholesterol homeostasis in critical illness-induced muscle weakness: effect of exogenous 3-hydroxybutyrate. <i>Critical Care</i> , 2021 , 25, 252	10.8	3

93	Nonthyroidal illness in critically ill children. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2019 , 26, 241-249	4	3
92	Maternal and placental responses before preterm birth: adaptations to increase fetal thyroid hormone availability?. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2019 , 32, 2746-2757	2	3
91	Withholding parenteral nutrition for 1 week reduces ICU-acquired weakness. <i>Critical Care</i> , 2013 , 17,	10.8	2
90	The 2016 ESPEN Sir David Cuthbertson lecture: Interfering with neuroendocrine and metabolic responses to critical illness: From acute to long-term consequences. <i>Clinical Nutrition</i> , 2017 , 36, 348-354	5.9	2
89	Correction: Does artificial nutrition improve outcome of critical illness. <i>Critical Care</i> , 2013 , 17, 413	10.8	2
88	Increased blood flow by insulin infusion targeting normoglycemia in patients with severe sepsis: friend or foe?. <i>Critical Care</i> , 2010 , 14, 122	10.8	2
87	Glycaemic control and perioperative organ protection. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , 2008 , 22, 135-49	4	2
86	GUIDELINES ON DIABETES, PRE-DIABETES, AND CARDIOVASCULAR DISEASES. <i>Rational Pharmacotherapy in Cardiology</i> , 2007 , 3, 88-111	0.5	2
85	ESPEN-Leitlinien Enterale Ernährung. <i>Aktuelle Ernährungsmedizin Klinik Und Praxis</i> , 2006 , 31, 198-210	0.3	2
84	Glycaemic control in trauma patients, is there a role?. <i>Trauma</i> , 2006 , 8, 13-19	0.3	2
83	Expression of glucose transporters in critical illness. <i>Critical Care</i> , 2006 , 10, P252	10.8	2
82	Insulin dose or glycemic control for the critically ill?. <i>Critical Care Medicine</i> , 2003 , 31, 2565-6; author reply 2566	1.4	2
81	Thyroid function 6 years after prenatal treatment with thyrotropin-releasing hormone. <i>Pediatrics</i> , 1997 , 100, 1042-3	7.4	2
80	Intensive insulin therapy to maintain normoglycemia after cardiac surgery. <i>HSR Proceedings in Intensive Care & Cardiovascular Anesthesia</i> , 2011 , 3, 97-101		2
79	Phasing out DEHP from plastic indwelling medical devices used for intensive care: Does it reduce the long-term attention deficit of critically ill children?. <i>Environment International</i> , 2021 , 158, 106962	12.9	2
78	Risks of rhG-CSF treatment in drug-induced agranulocytosis 1995 , 70, 143		2
77	Endocrine Aspects of Critical Care Medicine 2010 , 2084-2095		2
76	The clinical potential of GDF15 as a "ready-to-feed indicator" for critically ill adults. <i>Critical Care</i> , 2020 , 24, 557	10.8	2

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74	Near-Infrared-Based Cerebral Oximetry for Prediction of Severe Acute Kidney Injury in Critically Ill Children After Cardiac Surgery 2019 , 1, e0063		2
73	Achieving enteral nutrition during the acute phase in critically ill children: Associations with patient characteristics and clinical outcome. <i>Clinical Nutrition</i> , 2021 , 40, 1911-1919	5.9	2
72	Impact of prolonged sepsis on neural and muscular components of muscle contractions in a mouse model. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021 , 12, 443-455	10.3	2
71	Modulating the Endocrine Response in Sepsis: Insulin and Blood Glucose Control. <i>Novartis Foundation Symposium</i> , 204-222		2
70	Insulin and pentastarch for severe sepsis. <i>New England Journal of Medicine</i> , 2008 , 358, 2073; author reply 2074-5	59.2	2
69	Recovery from AKI by KDIGO criteria. <i>Critical Care</i> , 2014 , 18, P386	10.8	1
68	Impact of early parenteral nutrition on muscle and adipose tissue compartments during critical illness. <i>Critical Care</i> , 2013 , 17,	10.8	1
67	Impact of early versus late parenteral nutrition on morphological and molecular markers of atrophy and autophagy in skeletal muscle of critically ill patients. <i>Critical Care</i> , 2013 , 17,	10.8	1
66	Low-frequency autoregulation index for calculation of optimal cerebral perfusion pressure in severe traumatic brain injury. <i>Critical Care</i> , 2013 , 17,	10.8	1
65	Predictive value for weakness and 1-year mortality of screening electrophysiology tests in the ICU. <i>Critical Care</i> , 2015 , 19, P474	10.8	1
64	ICP and CPP management before and after 2007: impact on the association between dose of ICP and outcome. <i>Intensive Care Medicine Experimental</i> , 2015 , 3,	3.7	1
63	Insufficient autophagy relates to mitochondrial dysfunction, organ failure and adverse outcome in an animal model of critical illness. <i>Critical Care</i> , 2012 , 16,	10.8	1
62	Thyroid hormones and multiple organ dysfunction syndrome. <i>Journal of Organ Dysfunction</i> , 2009 , 5, 1-9		1
61	Glucose in the ICU--evidence, guidelines, and outcomes. <i>New England Journal of Medicine</i> , 2012 , 367, 2451-2; author reply 2452-3	59.2	1
60	Implementing intensive insulin therapy in daily practice reduces the incidence of critical illness polyneuropathy and/or myopathy. <i>Critical Care</i> , 2008 , 12, P155	10.8	1
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58	Does intensive insulin therapy during cardiac surgery improve postoperative outcome?. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2007 , 3, 630-1		1

57	ADAPTIVE MODELING FOR CONTROL OF GLYCEMIA IN CRITICALLY ILL PATIENTS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2007 , 40, 163-168		1
56	Rôle de l'insuline et du contrôle de la glycémie en réanimation. <i>Reanimation: Journal De La Societe De Reanimation De Langue Francaise</i> , 2006 , 15, 474-480		1
55	Regulation of type 1 deiodinase activity in prolonged critical illness. <i>Critical Care</i> , 2006 , 10, P266	10.8	1
54	DEVELOPMENT OF A CRITICALLY ILL PATIENT INPUT-OUTPUT MODEL. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2006 , 39, 481-486		1
53	Parenteral vs Epidural Analgesia for Postoperative PainReply. <i>JAMA - Journal of the American Medical Association</i> , 2004 , 291, 1197	27.4	1
52	Strict blood glucose control with insulin improves hepatic mitochondrial ultrastructure and function in critical illness. <i>Critical Care</i> , 2004 , 8, P248	10.8	1
51	Endokrinologie der Intensivmedizin. <i>Intensivmedizin Up2date</i> , 2005 , 1, 313-326	0.1	1
50	OR19-06 Sepsis-Induced Critical Illness in Mice Alters Key Regulators of ACTH Production and Secretion Within the Anterior Pituitary Gland. <i>Journal of the Endocrine Society</i> , 2020 , 4,	0.4	1
49	OR16-4 The Growth Hormone Axis in Relation to Muscle Weakness in the ICU: Effect of Early Macronutrient Deficit. <i>Journal of the Endocrine Society</i> , 2019 , 3,	0.4	1
48	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> , 2021 , 48, 25	14.5	1
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46	Impact of Hydrocortisone and of CRH Infusion on the Hypothalamus-Pituitary-Adrenocortical Axis of Septic Male Mice. <i>Endocrinology</i> , 2022 , 163,	4.8	1
45	The Dynamic Neuroendocrine Response to Critical Illness 2008 , 167-180		1
44	Changes Within the GH/IGF-I/IGFBP Axis in Critical Illness 2008 , 181-198		1
43	Cerebral Perfusion Pressure Variability Between Patients and Between Centres. <i>Acta Neurochirurgica Supplementum</i> , 2018 , 126, 3-6	1.7	1
42	Intermittent Fasting: No Benefit, or Too Fast to Waste?. <i>Chest</i> , 2020 , 158, 2707	5.3	1
41	Continuous Assessment of Gastric Motility and Its Relation to Gastric Emptying in Adult Critically Ill Patients. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021 , 45, 1779-1784	4.2	1
40	Role of ketones, ketogenic diets and intermittent fasting in ICU. <i>Current Opinion in Critical Care</i> , 2021 , 27, 385-389	3.5	1

39	Optimising early nutritional support for medical inpatients. <i>Lancet, The</i> , 2019 , 394, 2069	4.0	1
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37	Indirect calorimetry: A faithful guide for nutrition therapy, or a fascinating research tool?. <i>Clinical Nutrition</i> , 2021 , 40, 651	5.9	1
36	Differential DNA methylation by early versus late parenteral nutrition in the PICU: a biological basis for its impact on emotional and behavioral problems documented 4 years later. <i>Clinical Epigenetics</i> , 2021 , 13, 146	7.7	1
35	Insufficient activation of autophagy allows accumulation of cellular damage and may contribute to sustained organ failure in prolonged critically ill patients. <i>Critical Care</i> , 2011 , 15,	10.8	0
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