Greet Ha Van Den Berghe

List of Publications by Year in Descending Order

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	Obesity attenuates inflammation, protein catabolism, dyslipidaemia, and muscle weakness during sepsis, independent of leptin.. *Journal of Cachexia, Sarcopenia and Muscle*, **2022**,	10.3	1
523	Impact of Hydrocortisone and of CRH Infusion on the Hypothalamus-Pituitary-Adrenocortical Axis of Septic Male Mice. *Endocrinology*, **2022**, 163,	4.8	1
522	Impact of critical illness and withholding of early parenteral nutrition in the pediatric intensive care unit on long-term physical performance of children: a 4-year follow-up of the PEPaNIC randomized controlled trial.. *Critical Care*, **2022**, 26, 133	10.8	0
521	Impact of duration of critical illness and level of systemic glucocorticoid availability on tissue-specific glucocorticoid receptor expression and actions: A prospective, observational, cross-sectional human and two translational mouse studies.. *EBioMedicine*, **2022**, 80, 104057	8.8	0
520	Hyperglycemia and insulin resistance in COVID-19 versus non-COVID critical illness: Are they really different?. *Critical Care*, **2021**, 25, 437	10.8	3
519	Aerobic exercise capacity in long-term survivors of critical illness: secondary analysis of the post-EPaNIC follow-up study. *Intensive Care Medicine*, **2021**, 47, 1462-1471	14.5	0
518	C-reactive protein rise in response to macronutrient deficit early in critical illness: sign of inflammation or mediator of infection prevention and recovery. *Intensive Care Medicine*, **2021**, 48, 25	14.5	1
517	Impact of tight glucose control on circulating 3-hydroxybutyrate in critically ill patients. *Critical Care* , **2021**, 25, 373	10.8	0
516	Phasing out DEHP from plastic indwelling medical devices used for intensive care: Does it reduce the long-term attention deficit of critically ill children?. *Environment International*, **2021**, 158, 106962	12.9	2
515	Continuous Assessment of Gastric Motility and Its Relation to Gastric Emptying in Adult Critically Ill Patients. *Journal of Parenteral and Enteral Nutrition*, **2021**, 45, 1779-1784	4.2	1
514	Five-year outcome of respiratory muscle weakness at intensive care unit discharge: secondary analysis of a prospective cohort study. *Thorax*, **2021**, 76, 561-567	7.3	2
513	Impact of withholding early parenteral nutrition in adult critically ill patients on ketogenesis in relation to outcome. *Critical Care*, **2021**, 25, 102	10.8	4
512	Supplementation of vitamins, trace elements and electrolytes in the PEPaNIC Randomised Controlled Trial: Composition and preparation of the prescription. *Clinical Nutrition ESPEN*, **2021**, 42, 244-251	1.3	0
511	Role of ketones, ketogenic diets and intermittent fasting in ICU. *Current Opinion in Critical Care*, **2021**, 27, 385-389	3.5	1
510	Macrophage miR-210 induction and metabolic reprogramming in response to pathogen interaction boost life-threatening inflammation. *Science Advances*, **2021**, 7,	14.3	7
509	Targeted treatment of iron deficiency in prolonged critical illness: an opportunity to improve survival or not?. *Critical Care*, **2021**, 25, 188	10.8	
508	Altered cholesterol homeostasis in critical illness-induced muscle weakness: effect of exogenous 3-hydroxybutyrate. *Critical Care*, **2021**, 25, 252	10.8	3

507	Role of age of critically ill children at time of exposure to early or late parenteral nutrition in determining the impact hereof on long-term neurocognitive development: A secondary analysis of the PEPaNIC-RCT. *Clinical Nutrition*, **2021**, 40, 1005-1012	5.9	4
506	Achieving enteral nutrition during the acute phase in critically ill children: Associations with patient characteristics and clinical outcome. *Clinical Nutrition*, **2021**, 40, 1911-1919	5.9	2
505	Weakness in the ICU: the right weight on the right scale. *Intensive Care Medicine*, **2021**, 47, 137-138	14.5	4
504	Early neuromuscular electrical stimulation reduces the loss of muscle mass in critically ill patients - A within subject randomized controlled trial. *Journal of Critical Care*, **2021**, 62, 65-71	4	1
503	Indirect calorimetry: A faithful guide for nutrition therapy, or a fascinating research tool?. *Clinical Nutrition*, **2021**, 40, 651	5.9	1
502	Impact of prolonged sepsis on neural and muscular components of muscle contractions in a mouse model. *Journal of Cachexia, Sarcopenia and Muscle*, **2021**, 12, 443-455	10.3	2
501	Postoperative Cerebral Oxygen Saturation in Children After Congenital Cardiac Surgery and Long-Term Total Intelligence Quotient: A Prospective Observational Study. *Critical Care Medicine*, **2021**, 49, 967-976	1.4	0
500	The role of pro-opiomelanocortin in the ACTH-cortisol dissociation of sepsis. *Critical Care*, **2021**, 25, 65	10.8	5
499	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. *Clinical Epigenetics*, **2021**, 13, 146	7.7	1
498	Adrenal function/dysfunction in critically ill patients: a concise narrative review of recent novel insights. *Journal of Anesthesia*, **2021**, 35, 903-910	2.2	0
497	Endocrine interventions in the intensive care unit. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2021**, 182, 417-431	3	0
496	A guide to enteral nutrition in intensive care units: 10 expert tips for the daily practice.. *Critical Care* , **2021**, 25, 424	10.8	7
495	Persisting neuroendocrine abnormalities and their association with physical impairment 5´years after critical illness.. *Critical Care*, **2021**, 25, 430	10.8	0
494	A randomized, open-label, adaptive, proof-of-concept clinical trial of modulation of host thromboinflammatory response in patients with COVID-19: the DAWn-Antico study. *Trials*, **2020**, 21, 1005	2.8	10
493	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. *Critical Care*, **2020**, 24, 347	10.8	4
492	ICU-acquired weakness. *Intensive Care Medicine*, **2020**, 46, 637-653	14.5	110
491	Effect of early parenteral nutrition during paediatric critical illness on DNA methylation as a potential mediator of impaired neurocognitive development: a pre-planned secondary analysis of the PEPaNIC international randomised controlled trial. *Lancet Respiratory Medicine,the*, **2020**, 8, 288-303	35.1	18
490	Five-year impact of ICU-acquired neuromuscular complications: a prospective, observational study. *Intensive Care Medicine*, **2020**, 46, 1184-1193	14.5	41

489	Effect of Intravenous 25OHD Supplementation on Bone Turnover and Inflammation in Prolonged Critically Ill Patients. *Hormone and Metabolic Research*, **2020**, 52, 168-178	3.1	5
488	Towards a fasting-mimicking diet for critically ill patients: the pilot randomized crossover ICU-FM-1 study. *Critical Care*, **2020**, 24, 249	10.8	7
487	OR19-06 Sepsis-Induced Critical Illness in Mice Alters Key Regulators of ACTH Production and Secretion Within the Anterior Pituitary Gland. *Journal of the Endocrine Society*, **2020**, 4,	0.4	1
486	Endoplasmic reticulum stress actively suppresses hepatic molecular identity in damaged liver. *Molecular Systems Biology*, **2020**, 16, e9156	12.2	8
485	Glucose Control in the Intensive Care Unit **2020**, 579-589		
484	Endocrinopathy of the Critically Ill. *Lessons From the ICU*, **2020**, 125-143	0.1	5
483	Health-related quality of life of children and their parents 6´months after children's critical illness. *Quality of Life Research*, **2020**, 29, 179-189	3.7	9
482	Dynamics and prognostic value of the hypothalamus-pituitary-adrenal axis responses to pediatric critical illness and association with corticosteroid treatment: a prospective observational study. *Intensive Care Medicine*, **2020**, 46, 70-81	14.5	6
481	Intensive care unit acquired muscle weakness in COVID-19 patients. *Intensive Care Medicine*, **2020**, 46, 2083-2085	14.5	46
480	Long-term developmental effect of withholding parenteral nutrition in paediatric intensive care units: a 4-year follow-up of the PEPaNIC randomised controlled trial. *The Lancet Child and Adolescent Health*, **2020**, 4, 503-514	14.5	16
479	Intermittent Fasting: No Benefit, or Too Fast to Waste?. *Chest*, **2020**, 158, 2707	5.3	1
478	Time course of altered DNA methylation evoked by critical illness and by early administration of parenteral nutrition in the paediatric ICU. *Clinical Epigenetics*, **2020**, 12, 155	7.7	3
477	Effect of withholding early parenteral nutrition in PICU on ketogenesis as potential mediator of its outcome benefit. *Critical Care*, **2020**, 24, 536	10.8	6
476	The clinical potential of GDF15 as a "ready-to-feed indicator" for critically ill adults. *Critical Care*, **2020**, 24, 557	10.8	2
475	Effect of late versus early initiation of parenteral nutrition on weight deterioration during PICU stay: Secondary analysis of the PEPaNIC randomised controlled trial. *Clinical Nutrition*, **2020**, 39, 104-109	5.9	4
474	The placenta in fetal thyroid hormone delivery: from normal physiology to adaptive mechanisms in complicated pregnancies. *Journal of Maternal-Fetal and Neonatal Medicine*, **2020**, 33, 3857-3866	2	7
473	Five-year mortality and morbidity impact of prolonged versus brief ICU stay: a propensity score matched cohort study. *Thorax*, **2019**, 74, 1037-1045	7.3	22
472	Hepatic PPAR□s critical in the metabolic adaptation to sepsis. *Journal of Hepatology*, **2019**, 70, 963-973	13.4	26

471	Early Supplemental Parenteral Nutrition in Critically Ill Children: An Update. *Journal of Clinical Medicine*, **2019**, 8,	5.1	3
470	International survey of De-implementation of initiating parenteral nutrition early in Paediatric intensive care units. *BMC Health Services Research*, **2019**, 19, 379	2.9	5
469	Glucose control in the ICU. *Current Opinion in Anaesthesiology*, **2019**, 32, 156-162	2.9	31
468	Adrenal function and dysfunction in critically ill patients. *Nature Reviews Endocrinology*, **2019**, 15, 417-427	15.2	56
467	Performance of Pediatric Mortality Prediction Scores for PICU Mortality and 90-Day Mortality. *Pediatric Critical Care Medicine*, **2019**, 20, 113-119	3	7
466	Non-Thyroidal Illness Syndrome in Critically Ill Children: Prognostic Value and Impact of Nutritional Management. *Thyroid*, **2019**, 29, 480-492	6.2	14
465	Double-lung versus heart-lung transplantation for precapillary pulmonary arterial hypertension: a 24-year single-center retrospective study. *Transplant International*, **2019**, 32, 717-729	3	14
464	Impact of supplemental parenteral nutrition early during critical illness on invasive fungal infections: a secondary analysis of the EPaNIC randomized controlled trial. *Clinical Microbiology and Infection*, **2019**, 25, 359-364	9.5	4
463	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. *Critical Care*, **2019**, 23, 270	10.8	3
462	Machine learning versus physiciansNprediction of acute kidney injury in critically ill adults: a prospective evaluation of the AKIpredictor. *Critical Care*, **2019**, 23, 282	10.8	29
461	Adipose tissue protects against sepsis-induced muscle weakness in mice: from lipolysis to ketones. *Critical Care*, **2019**, 23, 236	10.8	21
460	The GH Axis in Relation to Accepting an Early Macronutrient Deficit and Outcome of Critically Ill Patients. *Journal of Clinical Endocrinology and Metabolism*, **2019**, 104, 5507-5518	5.6	3
459	OR16-4 The Growth Hormone Axis in Relation to Muscle Weakness in the ICU: Effect of Early Macronutrient Deficit. *Journal of the Endocrine Society*, **2019**, 3,	0.4	1
458	Anterior pituitary function in critical illness. *Endocrine Connections*, **2019**, 8, R131-R143	3.5	17
457	SAT-155 Temporal Activation of the Unfolded Protein Response and Concomitant Downregulation of Key Hepatic Transcription Factors in Critical Illness. *Journal of the Endocrine Society*, **2019**, 3,	0.4	78
456	OR20-6 Ketones and Sepsis-Induced Muscle Weakness: Signal or Fuel for Protection?. *Journal of the Endocrine Society*, **2019**, 3,	0.4	78
455	Near-Infrared-Based Cerebral Oximetry for Prediction of Severe Acute Kidney Injury in Critically Ill Children After Cardiac Surgery **2019**, 1, e0063		2
454	Nonthyroidal illness in critically ill children. *Current Opinion in Endocrinology, Diabetes and Obesity*, **2019**, 26, 241-249	4	3

453	Nonthyroidal Illness Syndrome Across the Ages. *Journal of the Endocrine Society*, **2019**, 3, 2313-2325	0.4	26
452	Optimising early nutritional support for medical inpatients. *Lancet, The*, **2019**, 394, 2069	40	1
451	Long-term developmental effects of withholding parenteral nutrition for 1 week in the paediatric intensive care unit: a 2-year follow-up of the PEPaNIC international, randomised, controlled trial. *Lancet Respiratory Medicine,the*, **2019**, 7, 141-153	35.1	38
450	Paediatric critical care survival: how to avoid bias. *Lancet Respiratory Medicine,the*, **2019**, 7, e2	35.1	
449	Review shows that thyroid hormone substitution could benefit transient hypothyroxinaemia of prematurity but treatment strategies need to be clarified. *Acta Paediatrica, International Journal of Paediatrics*, **2019**, 108, 792-805	3.1	10
448	Phthalate and alternative plasticizers in indwelling medical devices in pediatric intensive care units. *Journal of Hazardous Materials*, **2019**, 363, 64-72	12.8	37
447	Maternal and placental responses before preterm birth: adaptations to increase fetal thyroid hormone availability?. *Journal of Maternal-Fetal and Neonatal Medicine*, **2019**, 32, 2746-2757	2	3
446	Critical Care Management of Stress-Induced Hyperglycemia. *Current Diabetes Reports*, **2018**, 18, 17	5.6	18
445	The intensive care unit course and outcome in acute-on-chronic liver failure are comparable to other populations. *Journal of Hepatology*, **2018**, 69, 803-809	13.4	23
444	Endocrine Responses to Critical Illness **2018**, 60-82		
443	Near-Infrared Cerebral Oximetry to Predict Outcome After Pediatric Cardiac Surgery: A Prospective Observational Study. *Pediatric Critical Care Medicine*, **2018**, 19, 433-441	3	10
442	HLA-DR Expression on Monocyte Subsets in Critically Ill Children. *Pediatric Infectious Disease Journal*, **2018**, 37, 1034-1040	3.4	14
441	Glucose homeostasis, nutrition and infections during critical illness. *Clinical Microbiology and Infection*, **2018**, 24, 10-15	9.5	25
440	What's new in the long-term neurodevelopmental outcome of critically ill children. *Intensive Care Medicine*, **2018**, 44, 649-651	14.5	9
439	Endocrine and Metabolic Alterations in Sepsis and Implications for Treatment. *Critical Care Clinics*, **2018**, 34, 81-96	4.5	36
438	On the Role of Illness Duration and Nutrient Restriction in Cholestatic Alterations that Occur During Critical Illness. *Shock*, **2018**, 50, 187-198	3.4	10
437	Cholestatic Alterations in the Critically Ill: Some New Light on an Old Problem. *Chest*, **2018**, 153, 733-743	5.3	20
436	Intravenous morphine versus intravenous paracetamol after cardiac surgery in neonates and infants: a study protocol for a randomized controlled trial. *Trials*, **2018**, 19, 318	2.8	6

435	Leukocyte telomere length in paediatric critical illness: effect of early parenteral nutrition. *Critical Care*, **2018**, 22, 38	10.8	13
434	Cost-effectiveness study of early versus late parenteral nutrition in critically ill children (PEPaNIC): preplanned secondary analysis of a multicentre randomised controlled trial. *Critical Care*, **2018**, 22, 4	10.8	14
433	Intensive Care Nutrition and Post-Intensive Care Recovery. *Critical Care Clinics*, **2018**, 34, 573-583	4.5	6
432	Role of glucagon in protein catabolism. *Current Opinion in Critical Care*, **2018**, 24, 228-234	3.5	8
431	Cerebral Perfusion Pressure Variability Between Patients and Between Centres. *Acta Neurochirurgica Supplementum*, **2018**, 126, 3-6	1.7	1
430	Visualizing Cerebrovascular Autoregulation Insults and Their Association with Outcome in Adult and Paediatric Traumatic Brain Injury. *Acta Neurochirurgica Supplementum*, **2018**, 126, 291-295	1.7	8
429	Amino acid supplements in critically ill patients. *Pharmacological Research*, **2018**, 130, 127-131	10.2	21
428	Prevalence and Prognostic Value of Abnormal Liver Test Results in Critically Ill Children and the Impact of Delaying Parenteral Nutrition. *Pediatric Critical Care Medicine*, **2018**, 19, 1120-1129	3	7
427	ACTH and cortisol responses to CRH in acute, subacute, and prolonged critical illness: a randomized, double-blind, placebo-controlled, crossover cohort study. *Intensive Care Medicine*, **2018**, 44, 2048-2058	14.5	17
426	Adrenocortical function during prolonged critical illness and beyond: a prospective observational study. *Intensive Care Medicine*, **2018**, 44, 1720-1729	14.5	28
425	Outcomes of Delaying Parenteral Nutrition for 1 Week vs Initiation Within 24 Hours Among Undernourished Children in Pediatric Intensive Care: A Subanalysis of the PEPaNIC Randomized Clinical Trial. *JAMA Network Open*, **2018**, 1, e182668	10.4	27
424	Early versus late parenteral nutrition in critically ill, term neonates: a preplanned secondary subgroup analysis of the PEPaNIC multicentre, randomised controlled trial. *The Lancet Child and Adolescent Health*, **2018**, 2, 505-515	14.5	35
423	The Hepatic Glucocorticoid Receptor Is Crucial for Cortisol Homeostasis and Sepsis Survival in Humans and Male Mice. *Endocrinology*, **2018**, 159, 2790-2802	4.8	19
422	Evidence for the use of parenteral nutrition in the pediatric intensive care unit. *Clinical Nutrition*, **2017**, 36, 218-223	5.9	11
421	Heart rate time series characteristics for early detection of infections in critically ill patients. *Journal of Clinical Monitoring and Computing*, **2017**, 31, 407-415	2	4
420	AKIpredictor, an online prognostic calculator for acute kidney injury in adult critically ill patients: development, validation and comparison to serum neutrophil gelatinase-associated lipocalin. *Intensive Care Medicine*, **2017**, 43, 764-773	14.5	70
419	Mitochondrial and endoplasmic reticulum dysfunction and related defense mechanisms in critical illness-induced multiple organ failure. *Biochimica Et Biophysica Acta - Molecular Basis of Disease*, **2017**, 1863, 2534-2545	6.9	23
418	Dietary intervention, but not losartan, completely reverses non-alcoholic steatohepatitis in obese and insulin resistant mice. *Lipids in Health and Disease*, **2017**, 16, 46	4.4	15

417	Early Detection of Increased Intracranial Pressure Episodes in Traumatic Brain Injury: External Validation in an Adult and in a Pediatric Cohort. *Critical Care Medicine*, **2017**, 45, e316-e320	1.4	12
416	Effect of early supplemental parenteral nutrition in the paediatric ICU: a preplanned observational study of post-randomisation treatments in the PEPaNIC trial. *Lancet Respiratory Medicine,the*, **2017**, 5, 475-483	35.1	70
415	Role of Glucagon in Catabolism and Muscle Wasting of Critical Illness and Modulation by Nutrition. *American Journal of Respiratory and Critical Care Medicine*, **2017**, 196, 1131-1143	10.2	33
414	Circulating bile acids predict outcome in critically ill patients. *Annals of Intensive Care*, **2017**, 7, 48	8.9	28
413	Tight Glycemic Control in Critically Ill Children. *New England Journal of Medicine*, **2017**, 376, e48	59.2	5
412	The intensive care medicine research agenda in nutrition and metabolism. *Intensive Care Medicine*, **2017**, 43, 1239-1256	14.5	100
411	Proliferation and differentiation of adipose tissue in prolonged lean and obese critically ill patients. *Intensive Care Medicine Experimental*, **2017**, 5, 16	3.7	5
410	Parenteral nutrition in the critically ill. *Current Opinion in Critical Care*, **2017**, 23, 149-158	3.5	11
409	Cerebral Perfusion Pressure Insults and Associations with Outcome in Adult Traumatic Brain Injury. *Journal of Neurotrauma*, **2017**, 34, 2425-2431	5.4	29
408	Paediatric endocrinology: Critical illness - another trial, but are we any wiser?. *Nature Reviews Endocrinology*, **2017**, 13, 254-256	15.2	3
407	The ICM research agenda on intensive care unit-acquired weakness. *Intensive Care Medicine*, **2017**, 43, 1270-1281	14.5	95
406	The Role of Autophagy in Critical Illness-induced Liver Damage. *Scientific Reports*, **2017**, 7, 14150	4.9	16
405	Recovery after critical illness: putting the puzzle together-a consensus of 29. *Critical Care*, **2017**, 21, 296	10.8	79
404	Software-guided versus nurse-directed blood glucose control in critically ill patients: the LOGIC-2 multicenter randomized controlled clinical trial. *Critical Care*, **2017**, 21, 212	10.8	33
403	Use of a Central Venous Line for Fluids, Drugs and Nutrient Administration in a Mouse Model of Critical Illness. *Journal of Visualized Experiments*, **2017**,	1.6	10
402	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. *Intensive Care Medicine*, **2017**, 43, 1751-1763	14.5	123
401	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. *Critical Care Medicine*, **2017**, 45, 2078-2088	1.4	140
400	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). *Intensive Care Medicine*, **2017**, 43, 1781-1792	14.5	77

399	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). *Critical Care Medicine*, **2017**, 45, 2089-2098	1.4	31
398	The 2016 ESPEN Sir David Cuthbertson lecture: Interfering with neuroendocrine and metabolic responses to critical illness: From acute to long-term consequences. *Clinical Nutrition*, **2017**, 36, 348-354	5.9	2
397	Premorbid obesity, but not nutrition, prevents critical illness-induced muscle wasting and weakness. *Journal of Cachexia, Sarcopenia and Muscle*, **2017**, 8, 89-101	10.3	32
396	Drug-induced HPA axis alterations during acute critical illness: a multivariable association study. *Clinical Endocrinology*, **2017**, 86, 26-36	3.4	19
395	Adrenocortical Stress Response during the Course of Critical Illness. *Comprehensive Physiology*, **2017**, 8, 283-298	7.7	21
394	Performance of strip-based glucose meters and cassette-based blood gas analyzer for monitoring glucose levels in a surgical intensive care setting. *Clinical Chemistry and Laboratory Medicine*, **2016**, 54, 169-80	5.9	8
393	Endocrine Aspects of Critical Care Medicine **2016**, 1987-2000.e4		
392	An Analysis of Reliability and Accuracy of Muscle Thickness Ultrasonography in Critically Ill Children and Adults. *Journal of Parenteral and Enteral Nutrition*, **2016**, 40, 944-9	4.2	28
391	Comment on "Protein Requirements in the Critically Ill: A Randomized Controlled Trial Using Parenteral Nutrition". *Journal of Parenteral and Enteral Nutrition*, **2016**, 40, 763	4.2	4
390	A decomposition approach to dual shuttle automated storage and retrieval systems. *Computers and Industrial Engineering*, **2016**, 101, 325-337	6.4	15
389	Neurocognitive Development After Pediatric Heart Surgery. *Pediatrics*, **2016**, 137,	7.4	15
388	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
387	Early versus Late Parenteral Nutrition in Critically Ill Children. *New England Journal of Medicine*, **2016**, 374, 1111-22	59.2	272
386	MECHANISMS IN ENDOCRINOLOGY: New concepts to further unravel adrenal insufficiency during critical illness. *European Journal of Endocrinology*, **2016**, 175, R1-9	6.5	18
385	Circulating phthalates during critical illness in children are associated with long-term attention deficit: a study of a development and a validation cohort. *Intensive Care Medicine*, **2016**, 42, 379-392	14.5	35
384	Cholestatic liver (dys)function during sepsis and other critical illnesses. *Intensive Care Medicine*, **2016**, 42, 16-27	14.5	59
383	Continuous Optimal CPP Based on Minute-by-Minute Monitoring Data: A Study of a Pediatric Population. *Acta Neurochirurgica Supplementum*, **2016**, 122, 187-91	1.7	4
382	Hyperglycemia in the Surgical Intensive Care Unit **2016**, 497-506		

381	Worldwide Survey of Nutritional Practices in PICUs. *Pediatric Critical Care Medicine*, **2016**, 17, 10-8	3	39
380	Thyroidal Changes During Critical Illness **2016**, 125-136		
379	Can Optimal Cerebral Perfusion Pressure in Patients with Severe Traumatic Brain Injury Be Calculated Based on Minute-by-Minute Data Monitoring?. *Acta Neurochirurgica Supplementum*, **2016**, 122, 245-8	1.7	8
378	Designing phase 3 sepsis trials: application of learned experiences from critical care trials in acute heart failure. *Journal of Intensive Care*, **2016**, 4, 24	7	31
377	Obstetric Admissions to the Intensive Care Unit in a Tertiary Hospital. *Gynecologic and Obstetric Investigation*, **2016**, 81, 315-20	2.5	10
376	The pattern recognition molecule collectin-L1 in critically ill children. *Pediatric Research*, **2016**, 80, 237-43	3.2	4
375	Blood glucose control in the ICU: don't throw out the baby with the bathwater!. *Intensive Care Medicine*, **2016**, 42, 1478-81	14.5	19
374	Including higlights of the 10th European Breast Cancer Conference. *British Journal of Hospital Medicine (London, England: 2005)*, **2016**, 77, 204-207	0.8	
373	On the Neuroendocrinopathy of Critical Illness. Perspectives for Feeding and Novel Treatments. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 194, 1337-1348	10.2	48
372	Circulating 3-T1AM and 3,5-T2 in Critically Ill Patients: A Cross-Sectional Observational Study. *Thyroid*, **2016**, 26, 1674-1680	6.2	20
371	Early versus Late Parenteral Nutrition in Critically Ill Children. *New England Journal of Medicine*, **2016**, 375, 385-6	59.2	7
370	Metabolic and nutritional support of critically ill patients: consensus and controversies. *Critical Care* , **2015**, 19, 35	10.8	230
369	Recovery from AKI in the critically ill: potential confounders in the evaluation. *Intensive Care Medicine*, **2015**, 41, 1648-57	14.5	28
368	The Sick and the Weak: Neuropathies/Myopathies in the Critically Ill. *Physiological Reviews*, **2015**, 95, 1025-109	47.9	166
367	Impact of withholding early parenteral nutrition completing enteral nutrition in pediatric critically ill patients (PEPaNIC trial): study protocol for a randomized controlled trial. *Trials*, **2015**, 16, 202	2.8	40
366	Soluble RAGE and the RAGE ligands HMGB1 and S100A12 in critical illness: impact of glycemic control with insulin and relation with clinical outcome. *Shock*, **2015**, 43, 109-16	3.4	35
365	Glycemic control and outcome related to cardiopulmonary bypass. *Baillière's Best Practice and Research in Clinical Anaesthesiology*, **2015**, 29, 177-87	4	17
364	Effect of Early Parenteral Nutrition on the HPA Axis and on Treatment With Corticosteroids in Intensive Care Patients. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, 2613-20	5.6	3

363	Neurocognition after paediatric heart surgery: a systematic review and meta-analysis. *Open Heart*, **2015**, 2, e000255	3	17
362	Clinical review: intensive care unit acquired weakness. *Critical Care*, **2015**, 19, 274	10.8	260
361	Emergency Department Crowding in Relation to In-hospital Adverse Medical Events: A Large Prospective Observational Cohort Study. *Journal of Emergency Medicine*, **2015**, 49, 949-61	1.5	26
360	Predictive value for weakness and 1-year mortality of screening electrophysiology tests in the ICU. *Intensive Care Medicine*, **2015**, 41, 2138-48	14.5	28
359	FGF21 Response to Critical Illness: Effect of Blood Glucose Control and Relation With Cellular Stress and Survival. *Journal of Clinical Endocrinology and Metabolism*, **2015**, 100, E1319-27	5.6	29
358	Understanding the HPA response to critical illness: novel insights with clinical implications. *Intensive Care Medicine*, **2015**, 41, 131-3	14.5	10
357	Early detection of acute kidney injury during the first week of the ICU. *Critical Care*, **2015**, 19, P285	10.8	78
356	FIBROBLAST GROWTH FACTOR 21 RESPONSE TO CRITICAL ILLNESS: EFFECT OF BLOOD GLUCOSE CONTROL AND RELATION WITH MITOCHONDRIAL DYSFUNCTION, THE INTEGRATED STRESS RESPONSE AND SURVIVAL. *Intensive Care Medicine Experimental*, **2015**, 3, A977	3.7	78
355	Critical illness-induced bone loss is related to deficient autophagy and histone hypomethylation. *Intensive Care Medicine Experimental*, **2015**, 3, 52	3.7	16
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353	In reply. *Clinical Chemistry*, **2015**, 61, 666-7	5.5	
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