

Ilse Vanhorebeek

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.

155
papers

17,281
citations

44
h-index

131
g-index

162
ext. papers

19,592
ext. citations

9.8
avg, IF

5.89
L-index

#	Paper	IF	Citations
155	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.. <i>Critical Care</i> , 2022 , 26, 133	10.8	0
154	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.. <i>EBioMedicine</i> , 2022 , 80, 104057	8.8	0
153	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
152	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
151	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	1.3	0
150	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. <i>Clinical Nutrition</i> , 2021 , 40, 1005-1012	5.9	4
149	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
148	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	4	1
147	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
146	Persisting neuroendocrine abnormalities and their association with physical impairment 5 years after critical illness.. <i>Critical Care</i> , 2021 , 25, 430	10.8	0
145	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
144	ICU-acquired weakness. <i>Intensive Care Medicine</i> , 2020 , 46, 637-653	14.5	110
143	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. <i>Lancet Respiratory Medicine</i> , 2020 , 8, 288-303	35.1	18
142	Effect of Intravenous 25OHD Supplementation on Bone Turnover and Inflammation in Prolonged Critically Ill Patients. <i>Hormone and Metabolic Research</i> , 2020 , 52, 168-178	3.1	5
141	Towards a fasting-mimicking diet for critically ill patients: the pilot randomized crossover ICU-FM-1 study. <i>Critical Care</i> , 2020 , 24, 249	10.8	7
140	Endoplasmic reticulum stress actively suppresses hepatic molecular identity in damaged liver. <i>Molecular Systems Biology</i> , 2020 , 16, e9156	12.2	8
139	Endocrinopathy of the Critically Ill. <i>Lessons From the ICU</i> , 2020 , 125-143	0.1	5

138	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
137	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
136	Long-term developmental effect of withholding parenteral nutrition in paediatric intensive care units: a 4-year follow-up of the PEPaNIC randomised controlled trial. <i>The Lancet Child and Adolescent Health</i> , 2020 , 4, 503-514	14.5	16
135	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
134	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
133	Effect of late versus early initiation of parenteral nutrition on weight deterioration during PICU stay: Secondary analysis of the PEPaNIC randomised controlled trial. <i>Clinical Nutrition</i> , 2020 , 39, 104-109	5.9	4
132	Early Supplemental Parenteral Nutrition in Critically Ill Children: An Update. <i>Journal of Clinical Medicine</i> , 2019 , 8,	5.1	3
131	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
130	Non-Thyroidal Illness Syndrome in Critically Ill Children: Prognostic Value and Impact of Nutritional Management. <i>Thyroid</i> , 2019 , 29, 480-492	6.2	14
129	Impact of supplemental parenteral nutrition early during critical illness on invasive fungal infections: a secondary analysis of the EPaNIC randomized controlled trial. <i>Clinical Microbiology and Infection</i> , 2019 , 25, 359-364	9.5	4
128	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	10.8	3
127	Critical Roles of Endogenous Glucocorticoids for Disease Tolerance in Malaria. <i>Trends in Parasitology</i> , 2019 , 35, 918-930	6.4	4
126	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	5.6	3
125	Nonthyroidal illness in critically ill children. <i>Current Opinion in Endocrinology, Diabetes and Obesity</i> , 2019 , 26, 241-249	4	3
124	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. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 141-153	35.1	38
123	Phthalate and alternative plasticizers in indwelling medical devices in pediatric intensive care units. <i>Journal of Hazardous Materials</i> , 2019 , 363, 64-72	12.8	37
122	Critical Care Management of Stress-Induced Hyperglycemia. <i>Current Diabetes Reports</i> , 2018 , 18, 17	5.6	18
121	HLA-DR Expression on Monocyte Subsets in Critically Ill Children. <i>Pediatric Infectious Disease Journal</i> , 2018 , 37, 1034-1040	3.4	14

120	Glucose homeostasis, nutrition and infections during critical illness. <i>Clinical Microbiology and Infection</i> , 2018 , 24, 10-15	9.5	25
119	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
118	Leukocyte telomere length in paediatric critical illness: effect of early parenteral nutrition. <i>Critical Care</i> , 2018 , 22, 38	10.8	13
117	Cost-effectiveness study of early versus late parenteral nutrition in critically ill children (PEPaNIC): preplanned secondary analysis of a multicentre randomised controlled trial. <i>Critical Care</i> , 2018 , 22, 4	10.8	14
116	Amino acid supplements in critically ill patients. <i>Pharmacological Research</i> , 2018 , 130, 127-131	10.2	21
115	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. <i>JAMA Network Open</i> , 2018 , 1, e182668	10.4	27
114	Early versus late parenteral nutrition in critically ill, term neonates: a preplanned secondary subgroup analysis of the PEPaNIC multicentre, randomised controlled trial. <i>The Lancet Child and Adolescent Health</i> , 2018 , 2, 505-515	14.5	35
113	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	14.5	70
112	Mitochondrial and endoplasmic reticulum dysfunction and related defense mechanisms in critical illness-induced multiple organ failure. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2017 , 1863, 2534-2545	6.9	23
111	Dietary intervention, but not losartan, completely reverses non-alcoholic steatohepatitis in obese and insulin resistant mice. <i>Lipids in Health and Disease</i> , 2017 , 16, 46	4.4	15
110	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
109	Role of Glucagon in Catabolism and Muscle Wasting of Critical Illness and Modulation by Nutrition. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2017 , 196, 1131-1143	10.2	33
108	The Role of Autophagy in Critical Illness-induced Liver Damage. <i>Scientific Reports</i> , 2017 , 7, 14150	4.9	16
107	Premorbid obesity, but not nutrition, prevents critical illness-induced muscle wasting and weakness. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2017 , 8, 89-101	10.3	32
106	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
105	Early versus Late Parenteral Nutrition in Critically Ill Children. <i>New England Journal of Medicine</i> , 2016 , 374, 1111-22	59.2	272
104	Circulating phthalates during critical illness in children are associated with long-term attention deficit: a study of a development and a validation cohort. <i>Intensive Care Medicine</i> , 2016 , 42, 379-392	14.5	35
103	Hyperglycemia in the Surgical Intensive Care Unit 2016 , 497-506		

102	The pattern recognition molecule collectin-L1 in critically ill children. <i>Pediatric Research</i> , 2016 , 80, 237-43.	2	4
101	Early versus Late Parenteral Nutrition in Critically Ill Children. <i>New England Journal of Medicine</i> , 2016 , 375, 385-6	59.2	7
100	The Sick and the Weak: Neuropathies/Myopathies in the Critically Ill. <i>Physiological Reviews</i> , 2015 , 95, 1025-109	47.9	166
99	Impact of withholding early parenteral nutrition completing enteral nutrition in pediatric critically ill patients (PEPaNIC trial): study protocol for a randomized controlled trial. <i>Trials</i> , 2015 , 16, 202	2.8	40
98	Soluble RAGE and the RAGE ligands HMGB1 and S100A12 in critical illness: impact of glycemic control with insulin and relation with clinical outcome. <i>Shock</i> , 2015 , 43, 109-16	3.4	35
97	Glycemic control and outcome related to cardiopulmonary bypass. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , 2015 , 29, 177-87	4	17
96	Neurocognition after paediatric heart surgery: a systematic review and meta-analysis. <i>Open Heart</i> , 2015 , 2, e000255	3	17
95	Predictive value for weakness and 1-year mortality of screening electrophysiology tests in the ICU. <i>Intensive Care Medicine</i> , 2015 , 41, 2138-48	14.5	28
94	FGF21 Response to Critical Illness: Effect of Blood Glucose Control and Relation With Cellular Stress and Survival. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E1319-27	5.6	29
93	Mitochondria in peroxisome-deficient hepatocytes exhibit impaired respiration, depleted DNA, and PGC-1 β -independent proliferation. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2015 , 1853, 285-98	4.9	47
92	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
91	Neuropathological Correlates of Hyperglycemia During Prolonged Polymicrobial Sepsis in Mice. <i>Shock</i> , 2015 , 44, 245-51	3.4	13
90	Critical illness-induced dysglycemia and the brain. <i>Intensive Care Medicine</i> , 2015 , 41, 192-202	14.5	34
89	Assessment of quadriceps muscle mass with ultrasound in critically ill patients: intra- and inter-observer agreement and sensitivity. <i>Intensive Care Medicine</i> , 2015 , 41, 562-3	14.5	26
88	Muscle Weakness, Molecular Mechanism and Nutrition During Critical Illness 2015 , 75-89		
87	Lectin pathway of complement activation and relation with clinical complications in critically ill children. <i>Pediatric Research</i> , 2014 , 75, 99-108	3.2	18
86	The authors reply. <i>Pediatric Critical Care Medicine</i> , 2014 , 15, 793-4	3	
85	Amino acid concentrations in critically ill children following cardiac surgery*. <i>Pediatric Critical Care Medicine</i> , 2014 , 15, 314-28	3	8

84	Muscle Weakness, Molecular Mechanism, and Nutrition During Critical Illness 2014 , 1-17		
83	Circulating levels of the shed scavenger receptor sCD163 and association with outcome of critically ill patients. <i>Journal of Clinical Immunology</i> , 2013 , 33, 619-29	5.7	19
82	Impact of early parenteral nutrition on catabolism. <i>Critical Care</i> , 2013 , 17,	10.8	78
81	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
80	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
79	Charisma: an integrated approach to automatic H&E-stained skeletal muscle cell segmentation using supervised learning and novel robust clump splitting. <i>Medical Image Analysis</i> , 2013 , 17, 1206-19	15.4	19
78	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
77	Increasing glucose load while maintaining normoglycemia does not evoke neuronal damage in prolonged critically ill rabbits. <i>Clinical Nutrition</i> , 2013 , 32, 1077-80	5.9	4
76	Reduced cortisol metabolism during critical illness. <i>New England Journal of Medicine</i> , 2013 , 368, 1477-88	59.2	378
75	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
74	Neurocognitive Development of Children 4 Years After Critical Illness and Treatment With Tight Glucose Control. <i>Survey of Anesthesiology</i> , 2013 , 57, 137		
73	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
72	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
71	Reduced cortisol metabolism drives hypercortisolism in critical illness. <i>Critical Care</i> , 2012 , 16,	10.8	78
70	Mitochondrial fusion, fission, and biogenesis in prolonged critically ill patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, E59-64	5.6	29
69	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , 2012 , 8, 445-544	4.2	2783
68	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
67	Contribution of nutritional deficit to the pathogenesis of the nonthyroidal illness syndrome in critical illness: a rabbit model study. <i>Endocrinology</i> , 2012 , 153, 973-84	4.8	18

66	Impact of hyperglycemia on neuropathological alterations during critical illness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 2113-23	5.6	38
65	Effect of tight glucose control with insulin on the thyroid axis of critically ill children and its relation with outcome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 3569-76	5.6	19
64	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
63	Muscle atrophy and preferential loss of myosin in prolonged critically ill patients. <i>Critical Care Medicine</i> , 2012 , 40, 79-89	1.4	86
62	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
61	Effects of hyperglycemia and intensive insulin therapy on neurons and glial cells during critical illness. <i>Critical Care</i> , 2011 , 15,	10.8	78
60	Effect of intensive insulin therapy on the somatotrophic axis of critically ill children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011 , 96, 2558-66	5.6	17
59	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
58	Glucose dysregulation and neurological injury biomarkers in critically ill children. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 4669-79	5.6	22
57	Increasing intravenous glucose load in the presence of normoglycemia: effect on outcome and metabolism in critically ill rabbits. <i>Critical Care Medicine</i> , 2010 , 38, 602-11	1.4	23
56	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> ,	2.3	158
55	Tight glycaemic control protects the myocardium and reduces inflammation in neonatal heart surgery. <i>Annals of Thoracic Surgery</i> , 2010 , 90, 22-9	2.7	43
54	Glucose, Insulin, and the Kidney 2010 , 169-180		0
53	Insulin therapy in very-low-birth-weight infants. <i>New England Journal of Medicine</i> , 2009 , 360, 535; author reply 536-7	59.2	4
52	Intensive insulin therapy in the intensive care unit. <i>Cmaj</i> , 2009 , 180, 799-800	3.5	37
51	Insulin treatment in intensive care patients. <i>Hormone Research in Paediatrics</i> , 2009 , 71, 2-11	3.3	7
50	Hyperglycemic kidney damage in an animal model of prolonged critical illness. <i>Kidney International</i> , 2009 , 76, 512-20	9.9	50
49	Molecular mechanisms behind clinical benefits of intensive insulin therapy during critical illness: glucose versus insulin. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , 2009 , 23, 449-59	4	26

48	Tissue mRNA expression of the glucocorticoid receptor and its splice variants in fatal critical illness. <i>Clinical Endocrinology</i> , 2009 , 71, 145-53	3.4	27
47	Intensive insulin therapy for patients in paediatric intensive care: a prospective, randomised controlled study. <i>Lancet, The</i> , 2009 , 373, 547-56	4.0	1435
46	Glycaemic control in paediatric critical care [AuthorsPreply]. <i>Lancet, The</i> , 2009 , 373, 1424	4.0	
45	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
44	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
43	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
42	Serial lactate measurements using microdialysis of interstitial fluid do not correlate with plasma lactate in children after cardiac surgery. <i>Pediatric Critical Care Medicine</i> , 2009 , 10, 66-70	3	6
41	Metabolic aspects of critical illness polyneuromyopathy. <i>Critical Care Medicine</i> , 2009 , 37, S391-7	1.4	18
40	Glycaemic control and perioperative organ protection. <i>Baillieres Best Practice and Research in Clinical Anaesthesiology</i> , 2008 , 22, 135-49	4	2
39	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
38	Insulin, glucose control and multiple organ dysfunction syndrome. <i>Journal of Organ Dysfunction</i> , 2008 , 4, 195-207		
37	The altered adrenal axis and treatment with glucocorticoids during critical illness. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2008 , 4, 496-505		64
36	Glycemic control modulates arginine and asymmetrical-dimethylarginine levels during critical illness by preserving dimethylarginine-dimethylaminohydrolase activity. <i>Endocrinology</i> , 2008 , 149, 3148-57	4.8	45
35	Glucose metabolism and insulin resistance in sepsis. <i>Current Pharmaceutical Design</i> , 2008 , 14, 1887-99	3.3	86
34	Tight Blood Glucose Control in the ICU: Response. <i>Chest</i> , 2008 , 133, 317	5.3	
33	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
32	Modulation of regional nitric oxide metabolism: blood glucose control or insulin?. <i>Intensive Care Medicine</i> , 2008 , 34, 1525-33	14.5	25
31	Intensive Insulin Therapy for the Critically Ill Patient 2008 , 157-177		

30	The Diabetes of Injury: Novel Insights and Clinical Implications 2008 , 255-276		
29	The Role of Insulin and Blood Glucose Control. <i>Update in Intensive Care and Emergency Medicine</i> , 2007 , 287-297		
28	Therapy insight: the effect of tight glyceimic control in acute illness. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2007 , 3, 270-8		42
27	Guidelines on diabetes, pre-diabetes, and cardiovascular diseases: full text: 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 Supplements</i> , 2007 , 9, C3-C74	1.5	25
26	Tight blood glucose control with insulin in the ICU: facts and controversies. <i>Chest</i> , 2007 , 132, 268-78	5.3	178
25	Indication and practical use of intensive insulin therapy in the critically ill. <i>Current Opinion in Critical Care</i> , 2007 , 13, 392-8	3.5	15
24	Tight blood glucose control: what is the evidence?. <i>Critical Care Medicine</i> , 2007 , 35, S496-502	1.4	60
23	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
22	Glucose and Insulin Management in Critical Care 2007 , 1920-1929		
21	Modulating the endocrine response in sepsis: insulin and blood glucose control. <i>Novartis Foundation Symposium</i> , 2007 , 280, 204-15; discussion 215-22		2
20	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
19	Glycaemic control in trauma patients, is there a role?. <i>Trauma</i> , 2006 , 8, 13-19	0.3	2
18	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
17	Intensive insulin therapy in high-risk cardiac surgery patients: evidence from the Leuven randomized study. <i>Seminars in Thoracic and Cardiovascular Surgery</i> , 2006 , 18, 309-16	1.7	15
16	Diabetes of injury: novel insights. <i>Endocrinology and Metabolism Clinics of North America</i> , 2006 , 35, 859-72, x	5.5	27
15	The neuroendocrine response to critical illness is a dynamic process. <i>Critical Care Clinics</i> , 2006 , 22, 1-15, v	4.5	65
14	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
13	Endocrine aspects of acute and prolonged critical illness. <i>Nature Clinical Practice Endocrinology and Metabolism</i> , 2006 , 2, 20-31		98

12	Intensive insulin therapy in the intensive care unit: update on clinical impact and mechanisms of action. <i>Endocrine Practice</i> , 2006 , 12 Suppl 3, 14-22	3.2	17
11	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	4.0	892
10	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
9	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
8	Absence of peroxisomes in mouse hepatocytes causes mitochondrial and ER abnormalities. <i>Hepatology</i> , 2005 , 41, 868-78	11.2	139
7	Intensive insulin therapy protects the endothelium of critically ill patients. <i>Journal of Clinical Investigation</i> , 2005 , 115, 2277-86	15.9	334
6	Hormonal and metabolic strategies to attenuate catabolism in critically ill patients. <i>Current Opinion in Pharmacology</i> , 2004 , 4, 621-8	5.1	42
5	Neuronal migration depends on intact peroxisomal function in brain and in extraneuronal tissues. <i>Journal of Neuroscience</i> , 2003 , 23, 9732-41	6.6	49
4	Isoprenoid biosynthesis is not compromised in a Zellweger syndrome mouse model. <i>Biochemical Society Transactions</i> , 2001 , 29, A26-A26	5.1	0
3	Mitochondrial alterations caused by defective peroxisomal biogenesis in a mouse model for Zellweger syndrome (PEX5 knockout mouse). <i>American Journal of Pathology</i> , 2001 , 159, 1477-94	5.8	161
2	Isoprenoid biosynthesis is not compromised in a Zellweger syndrome mouse model. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2001 , 1532, 28-36	5	19
1	Modulating the Endocrine Response in Sepsis: Insulin and Blood Glucose Control. <i>Novartis Foundation Symposium</i> , 204-222		2