Lies Langouche

List of Publications by Year in Descending Order

110 papers	3,969 citations	33 h-index	61 g-index
119 ext. papers	4,717 ext. citations	6.4 avg, IF	5.39 L-index

#	Paper	IF	Citations
110	Obesity attenuates inflammation, protein catabolism, dyslipidaemia, and muscle weakness during sepsis, independent of leptin.. *Journal of Cachexia, Sarcopenia and Muscle*, **2022**,	10.3	1
109	Impact of Hydrocortisone and of CRH Infusion on the Hypothalamus-Pituitary-Adrenocortical Axis of Septic Male Mice. *Endocrinology*, **2022**, 163,	4.8	1
108	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
107	Hyperglycemia and insulin resistance in COVID-19 versus non-COVID critical illness: Are they really different?. *Critical Care*, **2021**, 25, 437	10.8	3
106	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
105	Impact of tight glucose control on circulating 3-hydroxybutyrate in critically ill patients. *Critical Care* , **2021**, 25, 373	10.8	0
104	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
103	Role of ketones, ketogenic diets and intermittent fasting in ICU. *Current Opinion in Critical Care*, **2021**, 27, 385-389	3.5	1
102	Macrophage miR-210 induction and metabolic reprogramming in response to pathogen interaction boost life-threatening inflammation. *Science Advances*, **2021**, 7,	14.3	7
101	Altered cholesterol homeostasis in critical illness-induced muscle weakness: effect of exogenous 3-hydroxybutyrate. *Critical Care*, **2021**, 25, 252	10.8	3
100	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
99	The role of pro-opiomelanocortin in the ACTH-cortisol dissociation of sepsis. *Critical Care*, **2021**, 25, 65	10.8	5
98	Identification of the toxic threshold of 3-hydroxybutyrate-sodium supplementation in septic mice. *BMC Pharmacology & Toxicology*, **2021**, 22, 50	2.6	1
97	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
96	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
95	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
94	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

93	Hepatic PPARβ is critical in the metabolic adaptation to sepsis. *Journal of Hepatology*, **2019**, 70, 963-973	13.4	26
92	Reply to: "Outcome of critically ill cirrhotic patients admitted to the ICU: The role of ACLF". *Journal of Hepatology*, **2019**, 70, 804-805	13.4	1
91	Evolution of circulating thyroid hormone levels in preterm infants during the first week of life: perinatal influences and impact on neurodevelopment. *Journal of Pediatric Endocrinology and Metabolism*, **2019**, 32, 597-606	1.6	10
90	Adrenal function and dysfunction in critically ill patients. *Nature Reviews Endocrinology*, **2019**, 15, 417-427	15.2	56
89	Non-Thyroidal Illness Syndrome in Critically Ill Children: Prognostic Value and Impact of Nutritional Management. *Thyroid*, **2019**, 29, 480-492	6.2	14
88	Adipose tissue protects against sepsis-induced muscle weakness in mice: from lipolysis to ketones. *Critical Care*, **2019**, 23, 236	10.8	21
87	Anterior pituitary function in critical illness. *Endocrine Connections*, **2019**, 8, R131-R143	3.5	17
86	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
85	OR20-6 Ketones and Sepsis-Induced Muscle Weakness: Signal or Fuel for Protection?. *Journal of the Endocrine Society*, **2019**, 3,	0.4	78
84	Nonthyroidal Illness Syndrome Across the Ages. *Journal of the Endocrine Society*, **2019**, 3, 2313-2325	0.4	26
83	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
82	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
81	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
80	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
79	Cholestatic Alterations in the Critically Ill: Some New Light on an Old Problem. *Chest*, **2018**, 153, 733-743	5.3	20
78	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
77	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
76	Adrenocortical function during prolonged critical illness and beyond: a prospective observational study. *Intensive Care Medicine*, **2018**, 44, 1720-1729	14.5	28

75	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
74	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
73	Circulating bile acids predict outcome in critically ill patients. *Annals of Intensive Care*, **2017**, 7, 48	8.9	28
72	Proliferation and differentiation of adipose tissue in prolonged lean and obese critically ill patients. *Intensive Care Medicine Experimental*, **2017**, 5, 16	3.7	5
71	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
70	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
69	Drug-induced HPA axis alterations during acute critical illness: a multivariable association study. *Clinical Endocrinology*, **2017**, 86, 26-36	3.4	19
68	Adrenocortical Stress Response during the Course of Critical Illness. *Comprehensive Physiology*, **2017**, 8, 283-298	7.7	21
67	Cholestatic liver (dys)function during sepsis and other critical illnesses. *Intensive Care Medicine*, **2016**, 42, 16-27	14.5	59
66	Thyroidal Changes During Critical Illness **2016**, 125-136		
65	Circulating 3-T1AM and 3,5-T2 in Critically Ill Patients: A Cross-Sectional Observational Study. *Thyroid*, **2016**, 26, 1674-1680	6.2	20
64	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
63	Liver X receptor activation enhances CVB3 viral replication during myocarditis by stimulating lipogenesis. *Cardiovascular Research*, **2015**, 107, 78-88	9.9	10
62	Neuropathological Correlates of Hyperglycemia During Prolonged Polymicrobial Sepsis in Mice. *Shock*, **2015**, 44, 245-51	3.4	13
61	Thyroid function in critically ill patients. *Lancet Diabetes and Endocrinology,the*, **2015**, 3, 816-25	18.1	202
60	The HPA axis response to critical illness: New study results with diagnostic and therapeutic implications. *Molecular and Cellular Endocrinology*, **2015**, 408, 235-40	4.4	31
59	Adipose Tissue and Endocrine Function in Critical Care **2015**, 119-129		
58	Nutrition Status and Length of Hospital Stay **2015**, 279-291		1

57	Withholding parenteral nutrition during critical illness increases plasma bilirubin but lowers the incidence of biliary sludge. *Hepatology*, **2014**, 60, 202-10	11.2	16
56	Hypothalamic-pituitary hormones during critical illness: a dynamic neuroendocrine response. *Handbook of Clinical Neurology / Edited By P J Vinken and G W Bruyn*, **2014**, 124, 115-26	3	11
55	The authors reply. *Critical Care Medicine*, **2014**, 42, e385-6	1.4	
54	Impact of duration of critical illness on the adrenal glands of human intensive care patients. *Journal of Clinical Endocrinology and Metabolism*, **2014**, 99, 4214-22	5.6	46
53	Impact of parenteral nutrition versus fasting on hepatic bile acid production and transport in a rabbit model of prolonged critical illness. *Shock*, **2014**, 41, 48-54	3.4	11
52	Adipose Tissue and Endocrine Function in Critical Care **2014**, 1-14		
51	Critical illness induces nutrient-independent adipogenesis and accumulation of alternatively activated tissue macrophages. *Critical Care*, **2013**, 17, R193	10.8	13
50	Critical illness induces nutrient-independent adipogenesis and accumulation of alternatively activated tissue macrophages. *Critical Care*, **2013**, 17,	10.8	78
49	Reduced cortisol metabolism during critical illness. *New England Journal of Medicine*, **2013**, 368, 1477-88	59.2	378
48	Impact of early nutrient restriction during critical illness on the nonthyroidal illness syndrome and its relation with outcome: a randomized, controlled clinical study. *Journal of Clinical Endocrinology and Metabolism*, **2013**, 98, 1006-13	5.6	63
47	Anterior pituitary morphology and hormone production during sustained critical illness in a rabbit model. *Hormone and Metabolic Research*, **2013**, 45, 277-82	3.1	8
46	Impact of early parenteral nutrition on muscle and adipose tissue compartments during critical illness. *Critical Care Medicine*, **2013**, 41, 2298-309	1.4	96
45	Endocrine, metabolic, and morphologic alterations of adipose tissue during critical illness. *Critical Care Medicine*, **2013**, 41, 317-25	1.4	66
44	Reduced cortisol metabolism drives hypercortisolism in critical illness. *Critical Care*, **2012**, 16,	10.8	78
43	Contribution of nutritional deficit to the pathogenesis of the nonthyroidal illness syndrome in critical illness: a rabbit model study. *Endocrinology*, **2012**, 153, 973-84	4.8	18
42	Effect of tight glucose control with insulin on the thyroid axis of critically ill children and its relation with outcome. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, 3569-76	5.6	19
41	Critical illness evokes elevated circulating bile acids related to altered hepatic transporter and nuclear receptor expression. *Hepatology*, **2011**, 54, 1741-52	11.2	70
40	Critical illness induces alternative activation of M2 macrophages in adipose tissue. *Critical Care*, **2011**, 15, R245	10.8	33

39	Alterations in adipose tissue during critical illness: An adaptive and protective response?. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 182, 507-16	10.2	50
38	Molecular analysis of sepsis-induced changes in the liver: microarray study in a porcine model of acute fecal peritonitis with fluid resuscitation. *Shock*, **2010**, 34, 427-36	3.4	10
37	Tight glycemic control protects the myocardium and reduces inflammation in neonatal heart surgery. *Annals of Thoracic Surgery*, **2010**, 90, 22-9	2.7	43
36	Endocrine and metabolic disturbances in critical illness: relation to mechanisms of organ dysfunction and adverse outcome. *Verhandelingen - Koninklijke Academie Voor Geneeskunde Van Belgi*, **2010**, 72, 149-63		3
35	Expression of thyroid hormone transporters during critical illness. *European Journal of Endocrinology*, **2009**, 161, 243-50	6.5	70
34	Molecular mechanisms behind clinical benefits of intensive insulin therapy during critical illness: glucose versus insulin. *Bailliere's Best Practice and Research in Clinical Anaesthesiology*, **2009**, 23, 449-59	4	26
33	Adiponectin, retinol-binding protein 4, and leptin in protracted critical illness of pulmonary origin. *Critical Care*, **2009**, 13, R112	10.8	49
32	Changes in the central component of the hypothalamus-pituitary-thyroid axis in a rabbit model of prolonged critical illness. *Critical Care*, **2009**, 13, R147	10.8	58
31	Polymorphisms in innate immunity genes predispose to bacteremia and death in the medical intensive care unit. *Critical Care Medicine*, **2009**, 37, 192-201, e1-3	1.4	113
30	Glycemic control modulates arginine and asymmetrical-dimethylarginine levels during critical illness by preserving dimethylarginine-dimethylaminohydrolase activity. *Endocrinology*, **2008**, 149, 3148-57	4.8	45
29	Effect of insulin therapy on coagulation and fibrinolysis in medical intensive care patients. *Critical Care Medicine*, **2008**, 36, 1475-80	1.4	25
28	Modulation of regional nitric oxide metabolism: blood glucose control or insulin?. *Intensive Care Medicine*, **2008**, 34, 1525-33	14.5	25
27	Changes Within the Thyroid Axis During the Course of Critical Illness **2008**, 199-213		
26	The Dynamic Neuroendocrine Response to Critical Illness **2008**, 167-180		1
25	The Role of Insulin and Blood Glucose Control. *Update in Intensive Care and Emergency Medicine*, **2007**, 287-297		
24	Therapy insight: the effect of tight glycemic control in acute illness. *Nature Clinical Practice Endocrinology and Metabolism*, **2007**, 3, 270-8		42
23	Effect of intensive insulin therapy on insulin sensitivity in the critically ill. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 3890-7	5.6	105
22	The type II iodothyronine deiodinase is up-regulated in skeletal muscle during prolonged critical illness. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 3330-3	5.6	84

21	Tight blood glucose control with insulin in the ICU: facts and controversies. *Chest*, **2007**, 132, 268-78	5.3	178
20	Indication and practical use of intensive insulin therapy in the critically ill. *Current Opinion in Critical Care*, **2007**, 13, 392-8	3.5	15
19	Tight blood glucose control: what is the evidence?. *Critical Care Medicine*, **2007**, 35, S496-502	1.4	60
18	Modulating the endocrine response in sepsis: insulin and blood glucose control. *Novartis Foundation Symposium*, **2007**, 280, 204-15; discussion 215-22		2
17	Glycaemic control in trauma patients, is there a role?. *Trauma*, **2006**, 8, 13-19	0.3	2
16	Survival benefits of intensive insulin therapy in critical illness: impact of maintaining normoglycemia versus glycemia-independent actions of insulin. *Diabetes*, **2006**, 55, 1096-105	0.9	215
15	The dynamic neuroendocrine response to critical illness. *Endocrinology and Metabolism Clinics of North America*, **2006**, 35, 777-91, ix	5.5	36
14	Glucose metabolism and insulin therapy. *Critical Care Clinics*, **2006**, 22, 119-29, vii	4.5	55
13	Rle de lsnsuline et du contrle de la glycmie en ranimation. *Reanimation: Journal De La Societe De Reanimation De Langue Francaise*, **2006**, 15, 474-480		1
12	Endocrine aspects of acute and prolonged critical illness. *Nature Clinical Practice Endocrinology and Metabolism*, **2006**, 2, 20-31		98
11	Intensive insulin therapy in the intensive care unit: update on clinical impact and mechanisms of action. *Endocrine Practice*, **2006**, 12 Suppl 3, 14-22	3.2	17
10	The role of insulin therapy in critically ill patients. *Treatments in Endocrinology: Guiding Your Management of Endocrine Disorders*, **2005**, 4, 353-60		12
9	Glycemic and nonglycemic effects of insulin: how do they contribute to a better outcome of critical illness?. *Current Opinion in Critical Care*, **2005**, 11, 304-11	3.5	80
8	Intensive insulin therapy protects the endothelium of critically ill patients. *Journal of Clinical Investigation*, **2005**, 115, 2277-86	15.9	334
7	Melanocortin peptides stimulate prolactin gene expression and prolactin accumulation in rat pituitary aggregate cell cultures. *Journal of Neuroendocrinology*, **2004**, 16, 695-703	3.8	10
6	Structure-activity relationship and signal transduction of gamma-MSH peptides in GH3 cells: further evidence for a new melanocortin receptor. *Peptides*, **2002**, 23, 1077-86	3.8	13
5	Stimulation of intracellular free calcium in GH3 cells by gamma3-melanocyte-stimulating hormone. Involvement of a novel melanocortin receptor?. *Endocrinology*, **2001**, 142, 257-66	4.8	15
4	Target cells of gamma3-melanocyte-stimulating hormone detected through intracellular Ca2+ responses in immature rat pituitary constitute a fraction of all main pituitary cell types, but mostly express multiple hormone phenotypes at the messenger ribonucleic acid level. Refractoriness to melanocortin-3 receptor blockade in the lacto-somatotroph lineage. *Endocrinology*, **1999**, 140, 4874-85	4.8	43

3	Effects of pituitary adenylate cyclase-activating polypeptide (PACAP) on cAMP formation and growth hormone release from chicken anterior pituitary cells. *Annals of the New York Academy of Sciences*, **1998**, 865, 471-4	6.5	25
2	Stimulation of Intracellular Free Calcium in GH3 Cells by β-Melanocyte-Stimulating Hormone. Involvement of a Novel Melanocortin Receptor?		8
1	Modulating the Endocrine Response in Sepsis: Insulin and Blood Glucose Control. *Novartis Foundation Symposium*,204-222		2