Mose Coffier

List of Publications by Citations

117 papers	3,717 citations	34 h-index	56 g-index
137 ext. papers	4,309 ext. citations	4.2 avg, IF	5 L-index

#	Paper	IF	Citations
117	L-alanyl-L-glutamine dipeptide-supplemented total parenteral nutrition reduces infectious complications and glucose intolerance in critically ill patients: the French controlled, randomized, double-blind, multicenter study. *Critical Care Medicine*, **2006**, 34, 598-604	1.4	267
116	The expression and the cellular distribution of the tight junction proteins are altered in irritable bowel syndrome patients with differences according to the disease subtype. *American Journal of Gastroenterology*, **2011**, 106, 2165-73	0.7	183
115	Autoantibodies against appetite-regulating peptide hormones and neuropeptides: putative modulation by gut microflora. *Nutrition*, **2008**, 24, 348-59	4.8	130
114	Increased proteasome-mediated degradation of occludin in irritable bowel syndrome. *American Journal of Gastroenterology*, **2010**, 105, 1181-8	0.7	129
113	Modulating effect of glutamine on IL-1beta-induced cytokine production by human gut. *Clinical Nutrition*, **2003**, 22, 407-13	5.9	111
112	Selective expression of histamine receptors H1R, H2R, and H4R, but not H3R, in the human intestinal tract. *Gut*, **2006**, 55, 498-504	19.2	110
111	An Elinolenic acid-rich formula reduces oxidative stress and inflammation by regulating NF-B in rats with TNBS-induced colitis. *Journal of Nutrition*, **2010**, 140, 1714-21	4.1	101
110	Influence of glutamine on cytokine production by human gut in vitro. *Cytokine*, **2001**, 13, 148-54	4	99
109	The role of glutamine in intensive care unit patients: mechanisms of action and clinical outcome. *Nutrition Reviews*, **2005**, 63, 65-9	6.4	86
108	Role of toll like receptors in irritable bowel syndrome: differential mucosal immune activation according to the disease subtype. *PLoS ONE*, **2012**, 7, e42777	3.7	86
107	Anti-inflammatory and anti-angiogenic effect of long chain n-3 polyunsaturated fatty acids in intestinal microvascular endothelium. *Clinical Nutrition*, **2011**, 30, 678-87	5.9	83
106	Comparison of body composition assessment by DXA and BIA according to the body mass index: A retrospective study on 3655 measures. *PLoS ONE*, **2018**, 13, e0200465	3.7	78
105	Colonic immune cells in irritable bowel syndrome: A systematic review and meta-analysis. *Neurogastroenterology and Motility*, **2018**, 30, e13192	4	73
104	Enteral glutamine stimulates protein synthesis and decreases ubiquitin mRNA level in human gut mucosa. *American Journal of Physiology - Renal Physiology*, **2003**, 285, G266-73	5.1	69
103	Alteration of intestinal barrier function during activity-based anorexia in mice. *Clinical Nutrition*, **2014**, 33, 1046-53	5.9	67
102	Anti-ghrelin immunoglobulins modulate ghrelin stability and its orexigenic effect in obese mice and humans. *Nature Communications*, **2013**, 4, 2685	17.4	66
101	Glutamine and arginine improve permeability and tight junction protein expression in methotrexate-treated Caco-2 cells. *Clinical Nutrition*, **2013**, 32, 863-9	5.9	63

100	Potential for amino acids supplementation during inflammatory bowel diseases. *Inflammatory Bowel Diseases*, **2010**, 16, 518-24	4.5	60
99	Glutamine decreases interleukin-8 and interleukin-6 but not nitric oxide and prostaglandins e(2) production by human gut in-vitro. *Cytokine*, **2002**, 18, 92-7	4	59
98	Methotrexate modulates tight junctions through NF-B, MEK, and JNK pathways. *Journal of Pediatric Gastroenterology and Nutrition*, **2012**, 54, 463-70	2.8	58
97	Combined glutamine and arginine decrease proinflammatory cytokine production by biopsies from Crohn's patients in association with changes in nuclear factor-kappaB and p38 mitogen-activated protein kinase pathways. *Journal of Nutrition*, **2008**, 138, 2481-6	4.1	58
96	Glutamine supplementation, but not combined glutamine and arginine supplementation, improves gut barrier function during chemotherapy-induced intestinal mucositis in rats. *Clinical Nutrition*, **2014**, 33, 694-701	5.9	55
95	Luminal cysteine-proteases degrade colonic tight junction structure and are responsible for abdominal pain in constipation-predominant IBS. *American Journal of Gastroenterology*, **2013**, 108, 1322-31	9.7	53
94	Acute enteral glutamine infusion enhances heme oxygenase-1 expression in human duodenal mucosa. *Journal of Nutrition*, **2002**, 132, 2570-3	4.1	53
93	Glutamine pretreatment reduces IL-8 production in human intestinal epithelial cells by limiting IkappaBalpha ubiquitination. *Journal of Nutrition*, **2006**, 136, 1461-5	4.1	50
92	Methotrexate induces intestinal mucositis and alters gut protein metabolism independently of reduced food intake. *American Journal of Physiology - Endocrinology and Metabolism*, **2009**, 296, E182-90	6	48
91	Emerging role of autoantibodies against appetite-regulating neuropeptides in eating disorders. *Nutrition*, **2008**, 24, 854-9	4.8	46
90	Regulation of feeding and anxiety by alpha-MSH reactive autoantibodies. *Psychoneuroendocrinology*, **2009**, 34, 140-9	5	45
89	Validity of predictive equations for resting energy expenditure according to the body mass index in a population of 1726 patients followed in a Nutrition Unit. *Clinical Nutrition*, **2015**, 34, 529-35	5.9	44
88	Physical activity in patients with anorexia nervosa. *Nutrition Reviews*, **2016**, 74, 301-11	6.4	43
87	Juvenile ferric iron prevents microbiota dysbiosis and colitis in adult rodents. *World Journal of Gastroenterology*, **2012**, 18, 2619-29	5.6	38
86	Dietary n-3 PUFA May Attenuate Experimental Colitis. *Mediators of Inflammation*, **2018**, 2018, 8430614	4.3	35
85	Regulation of intestinal protein metabolism by amino acids. *Amino Acids*, **2013**, 45, 443-50	3.5	35
84	Cytokine-stimulated nitric oxide production and inducible NO-synthase mRNA level in human intestinal cells: lack of modulation by glutamine. *Clinical Nutrition*, **2003**, 22, 523-8	5.9	33
83	Glutamine and the regulation of intestinal permeability: from bench to bedside. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2017**, 20, 86-91	3.8	30

82	Regulation of proteolysis by cytokines in the human intestinal epithelial cell line HCT-8: role of IFNgamma. *Biochimie*, **2006**, 88, 759-65	4.6	30
81	Epsilon germ-line and IL-4 transcripts are expressed in human intestinal mucosa and enhanced in patients with food allergy. *Allergy: European Journal of Allergy and Clinical Immunology*, **2005**, 60, 822-7	9.3	29
80	Effects of glutamine supplementation on gut barrier, glutathione content and acute phase response in malnourished rats during inflammatory shock. *World Journal of Gastroenterology*, **2007**, 13, 2833-40	5.6	29
79	Hyperhomocysteinemia-induced oxidative stress differentially alters proteasome composition and activities in heart and aorta. *Biochemical and Biophysical Research Communications*, **2014**, 452, 740-5	3.4	28
78	Influence of leucine on protein metabolism, phosphokinase expression, and cell proliferation in human duodenum1,3. *American Journal of Clinical Nutrition*, **2011**, 93, 1255-62	7	28
77	Maintaining physical activity during refeeding improves body composition, intestinal hyperpermeability and behavior in anorectic mice. *Scientific Reports*, **2016**, 6, 21887	4.9	28
76	A role for intestinal TLR4-driven inflammatory response during activity-based anorexia. *Scientific Reports*, **2016**, 6, 35813	4.9	27
75	Effects of essential amino acids or glutamine deprivation on intestinal permeability and protein synthesis in HCT-8 cells: involvement of GCN2 and mTOR pathways. *Amino Acids*, **2012**, 42, 375-83	3.5	27
74	Combined infusion of glutamine and arginine: does it make sense?. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2010**, 13, 70-4	3.8	27
73	Dietary linolenic acid-rich formula reduces adhesion molecules in rats with experimental colitis. *Nutrition*, **2012**, 28, 799-802	4.8	26
72	Gastric electrical stimulation increases ghrelin production and inhibits catecholaminergic brainstem neurons in rats. *European Journal of Neuroscience*, **2011**, 33, 276-84	3.5	24
71	Glutamine Restores Tight Junction Protein Claudin-1 Expression in Colonic Mucosa of Patients With Diarrhea-Predominant Irritable Bowel Syndrome. *Journal of Parenteral and Enteral Nutrition*, **2016**, 40, 1170-1176	4.2	23
70	Micronutrient Status in 153 Patients with Anorexia Nervosa. *Nutrients*, **2017**, 9,	6.7	23
69	Chemotherapy-induced mucositis is associated with changes in proteolytic pathways. *Experimental Biology and Medicine*, **2008**, 233, 219-28	3.7	23
68	High-fat diet increases ghrelin-expressing cells in stomach, contributing to obesity. *Nutrition*, **2016**, 32, 709-15	4.8	22
67	Intestinal inflammation influences MSH reactive autoantibodies: relevance to food intake and body weight. *Psychoneuroendocrinology*, **2012**, 37, 94-106	5	21
66	Beneficial effects of cathepsin inhibition to prevent chemotherapy-induced intestinal mucositis. *Clinical and Experimental Immunology*, **2010**, 162, 298-305	6.2	21
65	Sex differences in response to activity-based anorexia model in C57Bl/6 mice. *Physiology and Behavior*, **2017**, 170, 1-5	3.5	20

64	An enteral leucine supply modulates human duodenal mucosal proteome and decreases the expression of enzymes involved in fatty acid beta-oxidation. *Journal of Proteomics*, **2013**, 78, 535-44	3.9	20
63	Chemotherapy-induced anorexia is accompanied by activation of brain pathways signaling dehydration. *Physiology and Behavior*, **2010**, 101, 639-48	3.5	20
62	Ghrelin treatment prevents development of activity based anorexia in mice. *European Neuropsychopharmacology*, **2016**, 26, 948-58	1.2	20
61	Alterations of proteome, mitochondrial dynamic and autophagy in the hypothalamus during activity-based anorexia. *Scientific Reports*, **2018**, 8, 7233	4.9	19
60	Impact of eating disorders and psychological distress on the quality of life of obese people. *Nutrition*, **2012**, 28, e7-e13	4.8	19
59	L-Arginine modulates CXC chemokines in the human intestinal epithelial cell line HCT-8 by the NO pathway. *Biochimie*, **2005**, 87, 1048-55	4.6	19
58	Immunoglobulin G modulation of the melanocortin 4 receptor signaling in obesity and eating disorders. *Translational Psychiatry*, **2019**, 9, 87	8.6	19
57	Chronic colitis-induced visceral pain is associated with increased anxiety during quiescent phase. *American Journal of Physiology - Renal Physiology*, **2019**, 316, G692-G700	5.1	18
56	Hypothalamic Neuropeptide 26RFa Acts as an Incretin to Regulate Glucose Homeostasis. *Diabetes*, **2015**, 64, 2805-16	0.9	18
55	Combined arginine and glutamine decrease release of de novo synthesized leukotrienes and expression of proinflammatory cytokines in activated human intestinal mast cells. *European Journal of Nutrition*, **2013**, 52, 505-12	5.2	18
54	2,4,6-trinitrobenzene sulfonic acid-induced chronic colitis with fibrosis and modulation of TGF-1 signaling. *World Journal of Gastroenterology*, **2014**, 20, 18207-15	5.6	18
53	Gut microbiota alteration in a mouse model of Anorexia Nervosa. *Clinical Nutrition*, **2021**, 40, 181-189	5.9	18
52	Glutamine, but not Branched-Chain Amino Acids, Restores Intestinal Barrier Function during Activity-Based Anorexia. *Nutrients*, **2019**, 11,	6.7	17
51	The number of preproghrelin mRNA expressing cells is increased in mice with activity-based anorexia. *Neuropeptides*, **2015**, 51, 17-23	3.3	16
50	A diet containing whey protein, glutamine, and TGFbeta modulates gut protein metabolism during chemotherapy-induced mucositis in rats. *Digestive Diseases and Sciences*, **2010**, 55, 2172-81	4	16
49	The centenary of the Harris-Benedict equations: How to assess energy requirements best? Recommendations from the ESPEN expert group. *Clinical Nutrition*, **2021**, 40, 690-701	5.9	16
48	Validity of Predictive Equations for Resting Energy Expenditure Developed for Obese Patients: Impact of Body Composition Method. *Nutrients*, **2018**, 10,	6.7	14
47	A diet containing whey protein, free glutamine, and transforming growth factor-beta ameliorates nutritional outcome and intestinal mucositis during repeated chemotherapeutic challenges in rats. *Journal of Nutrition*, **2010**, 140, 799-805	4.1	14

46	Combined enteral infusion of glutamine, carbohydrates, and antioxidants modulates gut protein metabolism in humans. *American Journal of Clinical Nutrition*, **2008**, 88, 1284-90	7	14
45	Modulation of nitric oxide and cytokines production by L-arginine in human gut mucosa. *Clinical Nutrition*, **2005**, 24, 353-9	5.9	13
44	Increased Ghrelin but Low Ghrelin-Reactive Immunoglobulins in a Rat Model of Methotrexate Chemotherapy-Induced Anorexia. *Frontiers in Nutrition*, **2016**, 3, 23	6.2	13
43	Glutamine enema regulates colonic ubiquitinated proteins but not proteasome activities during TNBS-induced colitis leading to increased mitochondrial activity. *Proteomics*, **2015**, 15, 2198-210	4.8	12
42	Enteral delivery of proteins stimulates protein synthesis in human duodenal mucosa in the fed state through a mammalian target of rapamycin-independent pathway. *American Journal of Clinical Nutrition*, **2013**, 97, 286-94	7	12
41	Intestinal permeability in patients with diarrhea-predominant irritable bowel syndrome: is there a place for glutamine supplementation?. *Gastroenterology*, **2015**, 148, 1079-80	13.3	11
40	Does calprotectin level identify a subgroup among patients suffering from irritable bowel syndrome? Results of a prospective study. *United European Gastroenterology Journal*, **2017**, 5, 261-269	5.3	10
39	Evaluation of ubiquitinated proteins by proteomics reveals the role of the ubiquitin proteasome system in the regulation of Grp75 and Grp78 chaperone proteins during intestinal inflammation. *Proteomics*, **2013**, 13, 3284-92	4.8	10
38	Effect of glutamine on water and sodium absorption in human jejunum at baseline and during PGE1-induced secretion. *Journal of Applied Physiology*, **2005**, 98, 2163-8	3.7	10
37	Delayed gastric emptying and altered antrum protein metabolism during activity-based anorexia. *Neurogastroenterology and Motility*, **2018**, 30, e13305	4	9
36	Enteral glutamine infusion modulates ubiquitination of heat shock proteins, Grp-75 and Apg-2, in the human duodenal mucosa. *Amino Acids*, **2014**, 46, 1059-67	3.5	9
35	Targeting immunoproteasome and glutamine supplementation prevent intestinal hyperpermeability. *Biochimica Et Biophysica Acta - General Subjects*, **2017**, 1861, 3278-3288	4	9
34	Lack of effect of acute enteral arginine infusion on whole-body and intestinal protein metabolism in humans. *Digestive Diseases and Sciences*, **2007**, 52, 1826-32	4	9
33	Omega-3 polyunsaturated fatty acids delay the progression of endotoxic shock-induced myocardial dysfunction. *Inflammation*, **2013**, 36, 932-40	5.1	7
32	Effects of an enteral glucose supply on protein synthesis, proteolytic pathways, and proteome in human duodenal mucosa. *American Journal of Clinical Nutrition*, **2011**, 94, 784-94	7	7
31	Comparison of different modes of antibiotic delivery on gut microbiota depletion efficiency and body composition in mouse. *BMC Microbiology*, **2020**, 20, 340	4.5	7
30	Colonic Mucosal Proteome Signature Reveals Reduced Energy Metabolism and Protein Synthesis but Activated Autophagy during Anorexia-Induced Malnutrition in Mice. *Proteomics*, **2018**, 18, e1700395	4.8	7
29	Enteral delivery of proteins enhances the expression of proteins involved in the cytoskeleton and protein biosynthesis in human duodenal mucosa. *American Journal of Clinical Nutrition*, **2015**, 102, 359-67	7	6

28	Proteome modifications of gut microbiota in mice with activity-based anorexia and starvation: Role in ATP production. *Nutrition*, **2019**, 67-68, 110557	4.8	6
27	Bone Mineral Density after Weight Gain in 160 Patients with Anorexia Nervosa. *Frontiers in Nutrition*, **2017**, 4, 46	6.2	6
26	Supplementation parentérale en glutamine en réanimation : preuves cliniques et mécanismes d'action. *Reanimation: Journal De La Societe De Reanimation De Langue Francaise*, **2009**, 18, 506-510		5
25	Human duodenal proteome modulations by glutamine and antioxidants. *Proteomics - Clinical Applications*, **2010**, 4, 325-36	3.1	5
24	New therapeutic approaches to target gut-brain axis dysfunction during anorexia nervosa. *Clinical Nutrition Experimental*, **2019**, 28, 33-41	2	4
23	Proteasome inhibitors exacerbate interleukin-8 production induced by protease-activated receptor 2 in intestinal epithelial cells. *Cytokine*, **2016**, 86, 41-46	4	4
22	Characterizing the metabolic perturbations induced by activity-based anorexia in the C57Bl/6 mouse using H NMR spectroscopy. *Clinical Nutrition*, **2020**, 39, 2428-2434	5.9	4
21	Colonic Proteome Signature in Immunoproteasome-Deficient Stressed Mice and Its Relevance for Irritable Bowel Syndrome. *Journal of Proteome Research*, **2019**, 18, 478-492	5.6	4
20	Comment évaluer les besoins énergétiques et protéiques du sujet obèse ?. *Nutrition Clinique Et Metabolisme*, **2017**, 31, 260-267	0.8	3
19	Fructose and irritable bowel syndrome. *Nutrition Research Reviews*, **2020**, 33, 235-243	7	3
18	Plasma Peptide Concentrations and Peptide-Reactive Immunoglobulins in Patients with Eating Disorders at Inclusion in the French EDILS Cohort (Eating Disorders Inventory and Longitudinal Survey). *Nutrients*, **2020**, 12,	6.7	3
17	Prevention of Adult Colitis by Oral Ferric Iron in Juvenile Mice Is Associated with the Inhibition of the Tbet Promoter Hypomethylation and Gene Overexpression. *Nutrients*, **2019**, 11,	6.7	3
16	Parenteral glutamine in critically ill patients: effects on complication rate and glucose homeostasis. *Clinical Nutrition Supplements*, **2004**, 1, 33-36		3
15	Validity of Bioimpedance Equations to Evaluate Fat-Free Mass and Muscle Mass in Severely Malnourished Anorectic Patients. *Journal of Clinical Medicine*, **2020**, 9,	5.1	3
14	Gut microbiota depletion affects nutritional and behavioral responses to activity-based anorexia model in a sex-dependent manner. *Clinical Nutrition*, **2021**, 40, 2734-2744	5.9	3
13	Stress-induced intestinal barrier dysfunction is exacerbated during diet-induced obesity. *Journal of Nutritional Biochemistry*, **2020**, 81, 108382	6.3	2
12	Mécanismes d'action potentiels de la glutamine chez le patient agressé *Nutrition Clinique Et Metabolisme*, **2009**, 23, 133-136	0.8	2
11	Hypermetabolism is a reality in amyotrophic lateral sclerosis compared to healthy subjects. *Journal of the Neurological Sciences*, **2021**, 420, 117257	3.2	2

10	Increased resting energy expenditure compared with predictive theoretical equations in amyotrophic lateral sclerosis. *Nutrition*, **2020**, 77, 110805	4.8	1
9	An in vitro explant model for studies of intestinal amino acid metabolism. *Clinical Nutrition Experimental*, **2020**, 29, 1-9	2	1
8	Quel pharmaconutriment choisir en réanimation ?. *Nutrition Clinique Et Metabolisme*, **2009**, 23, 226-234	0.8	1
7	Influence of Glutamine and Branched-Chain Amino Acids Supplementation during Refeeding in Activity-Based Anorectic Mice. *Nutrients*, **2020**, 12,	6.7	1
6	Régulation du métabolisme protéique intestinal par les nutriments. *Nutrition Clinique Et Metabolisme*, **2011**, 25, 131-137	0.8	
5	Quelle pharmaconutrition pour lutter contre la sarcopénie ?. *Nutrition Clinique Et Metabolisme*, **2009**, 23, 76-79	0.8	
4	Does glutamine-supplemented total parenteral nutrition reduce the incidence of nosocomial pneumonia?. *Critical Care Medicine*, **2006**, 34, 2872	1.4	
3	Intestinal lymphatic alteration in mouse models of energy imbalance. *Nutrition*, **2020**, 73, 110714	4.8	
2	Role of gastric motility in weight gain after subthalamic nucleus stimulation in Parkinson's disease. *Brain Stimulation*, **2021**, 14, 801-803	5.1	
1	Balance énergétique et composition corporelle **2021**, 147-150		