MoÃ¯se CoÃ«ffier

List of Publications by Year
in descending order

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121	4,844	94381	106281
papers	citations	37 h-index	65 g-index

137	137	137	5546
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	L-alanyl-L-glutamine dipeptideâ€“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.	0.4	315
2	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, 2165-2173.	0.2	240
3	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.	1.1	168
4	Autoantibodies against appetite-regulating peptide hormones and neuropeptides: Putative modulation by gut microflora. Nutrition, 2008, 24, 348-359.	1.1	154
5	Increased Proteasome-Mediated Degradation of Occludin in Irritable Bowel Syndrome. American Journal of Gastroenterology, 2010, 105, 1181-1188.	0.2	149
6	An Î±-Linolenic Acid-Rich Formula Reduces Oxidative Stress and Inflammation by Regulating NF-ÎºB in Rats with TNBS-Induced Colitis ,. Journal of Nutrition, 2010, 140, 1714-1721.	1.3	143
7	Modulating effect of glutamine on IL-1Î²-induced cytokine production by human gut. Clinical Nutrition, 2003, 22, 407-413.	2.3	134
8	Selective expression of histamine receptors H1R, H2R, and H4R, but not H3R, in the human intestinal tract. Gut, 2006, 55, 498-504.	6.1	133
9	Colonic immune cells in irritable bowel syndrome: A systematic review and metaâ€anâ€alysis. Neurogastroenterology and Motility, 2018, 30, e13192.	1.6	119
10	INFLUENCE OF GLUTAMINE ON CYTOKINE PRODUCTION BY HUMAN GUT IN VITRO. Cytokine, 2001, 13, 148-154.	1.4	116
11	Role of Toll Like Receptors in Irritable Bowel Syndrome: Differential Mucosal Immune Activation According to the Disease Subtype. PLoS ONE, 2012, 7, e42777.	1.1	108
12	The Role of Glutamine in Intensive Care Unit Patients: Mechanisms of Action and Clinical Outcome. Nutrition Reviews, 2005, 63, 65-69.	2.6	104
13	Anti-inflammatory and anti-angiogenic effect of long chain n-3 polyunsaturated fatty acids in intestinal microvascular endothelium. Clinical Nutrition, 2011, 30, 678-687.	2.3	95
14	Alteration of intestinal barrier function during activity-based anorexia in mice. Clinical Nutrition, 2014, 33, 1046-1053.	2.3	88
15	Anti-ghrelin immunoglobulins modulate ghrelin stability and its orexigenic effect in obese mice and humans. Nature Communications, 2013, 4, 2685.	5.8	87
16	Enteral glutamine stimulates protein synthesis and decreases ubiquitin mRNA level in human gut mucosa. American Journal of Physiology - Renal Physiology, 2003, 285, G266-G273.	1.6	81
17	Glutamine and arginine improve permeability and tight junction protein expression in methotrexate-treated Caco-2 cells. Clinical Nutrition, 2013, 32, 863-869.	2.3	80
18	Combined Glutamine and Arginine Decrease Proinflammatory Cytokine Production by Biopsies from Crohnâ€™s Patients in Association with Changes in Nuclear Factor-ÎºB and p38 Mitogen-Activated Protein Kinase Pathways3. Journal of Nutrition, 2008, 138, 2481-2486.	1.3	71

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19	Potential for amino acids supplementation during inflammatory bowel diseases. Inflammatory Bowel Diseases, 2010, 16, 518-524.	0.9	70
20	Luminal Cysteine-Proteases Degrade Colonic Tight Junction Structure and Are Responsible for Abdominal Pain in Constipation-Predominant IBS. American Journal of Gastroenterology, 2013, 108, 1322-1331.	0.2	69
21	Methotrexate Modulates Tight Junctions Through NFâ€ÎºB, MEK, and JNK Pathways. Journal of Pediatric Gastroenterology and Nutrition, 2012, 54, 463-470.	0.9	68
22	GLUTAMINE DECREASES INTERLEUKIN-8 AND INTERLEUKIN-6 BUT NOT NITRIC OXIDE AND PROSTAGLANDINS E2 PRODUCTION BY HUMAN GUT IN-VITRO. Cytokine, 2002, 18, 92-97.	1.4	64
23	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.	2.3	64
24	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, 529-535.	2.3	62
25	Physical activity in patients with anorexia nervosa. Nutrition Reviews, 2016, 74, 301-311.	2.6	61
26	Methotrexate induces intestinal mucositis and alters gut protein metabolism independently of reduced food intake. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E182-E190.	1.8	60
27	Glutamine Pretreatment Reduces IL-8 Production in Human Intestinal Epithelial Cells by Limiting Î³BÎ± Ubiquitination. Journal of Nutrition, 2006, 136, 1461-1465.	1.3	59
28	Acute Enteral Glutamine Infusion Enhances Heme Oxygenase-1 Expression in Human Duodenal Mucosa. Journal of Nutrition, 2002, 132, 2570-2573.	1.3	58
29	Emerging role of autoantibodies against appetite-regulating neuropeptides in eating disorders. Nutrition, 2008, 24, 854-859.	1.1	58
30	Dietary n-3 PUFA May Attenuate Experimental Colitis. Mediators of Inflammation, 2018, 2018, 1-10.	1.4	56
31	Regulation of feeding and anxiety by Î±-MSH reactive autoantibodies. Psychoneuroendocrinology, 2009, 34, 140-149.	1.3	53
32	Glutamine and the regulation of intestinal permeability. Current Opinion in Clinical Nutrition and Metabolic Care, 2017, 20, 86-91.	1.3	51
33	The centenary of the Harrisâ€“Benedict equations: How to assess energy requirements best? Recommendations from the ESPEN expert group. Clinical Nutrition, 2021, 40, 690-701.	2.3	48
34	Juvenile ferric iron prevents microbiota dysbiosis and colitis in adult rodents. World Journal of Gastroenterology, 2012, 18, 2619.	1.4	45
35	Regulation of intestinal protein metabolism by amino acids. Amino Acids, 2013, 45, 443-450.	1.2	43
36	Comparison of different modes of antibiotic delivery on gut microbiota depletion efficiency and body composition in mouse. BMC Microbiology, 2020, 20, 340.	1.3	41

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37	A role for intestinal TLR4-driven inflammatory response during activity-based anorexia. Scientific Reports, 2016, 6, 35813.	1.6	40
38	Gut microbiota alteration in a mouse model of Anorexia Nervosa. Clinical Nutrition, 2021, 40, 181-189.	2.3	40
39	Maintaining physical activity during refeeding improves body composition, intestinal hyperpermeability and behavior in anorectic mice. Scientific Reports, 2016, 6, 21887.	1.6	38
40	Hyperhomocysteinemia-induced oxidative stress differentially alters proteasome composition and activities in heart and aorta. Biochemical and Biophysical Research Communications, 2014, 452, 740-745.	1.0	37
41	Cytokine-stimulated nitric oxide production and inducible NO-synthase mRNA level in human intestinal cells: lack of modulation by glutamine. Clinical Nutrition, 2003, 22, 523-528.	2.3	34
42	Influence of leucine on protein metabolism, phosphokinase expression, and cell proliferation in human duodenum. American Journal of Clinical Nutrition, 2011, 93, 1255-1262.	2.2	33
43	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.	1.4	33
44	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, 822-827.	2.7	32
45	Regulation ofÂproteolysis byÂcytokines inÂtheÂhuman intestinal epithelial cell line HCTâ€“8: role ofÂIFNÎ³. Biochimie, 2006, 88, 759-765.	1.3	32
46	Combined infusion of glutamine and arginine: does it make sense?. Current Opinion in Clinical Nutrition and Metabolic Care, 2010, 13, 70-74.	1.3	31
47	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, 375-383.	1.2	31
48	Glutamine Restores Tight Junction Protein Claudinâ€1 Expression in Colonic Mucosa of Patients With Diarrheaâ€Predominant Irritable Bowel Syndrome. Journal of Parenteral and Enteral Nutrition, 2016, 40, 1170-1176.	1.3	31
49	Micronutrient Status in 153 Patients with Anorexia Nervosa. Nutrients, 2017, 9, 225.	1.7	31
50	Dietary Î±-linolenic acidâ€“rich formula reduces adhesion molecules in rats with experimental colitis. Nutrition, 2012, 28, 799-802.	1.1	29
51	Sex differences in response to activity-based anorexia model in C57Bl/6 mice. Physiology and Behavior, 2017, 170, 1-5.	1.0	29
52	Immunoglobulin G modulation of the melanocortin 4 receptor signaling in obesity and eating disorders. Translational Psychiatry, 2019, 9, 87.	2.4	29
53	Chronic colitis-induced visceral pain is associated with increased anxiety during quiescent phase. American Journal of Physiology - Renal Physiology, 2019, 316, G692-G700.	1.6	28
54	Gastric electrical stimulation increases ghrelin production and inhibits catecholaminergic brainstem neurons in rats. European Journal of Neuroscience, 2011, 33, 276-284.	1.2	27

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55	Chemotherapy-Induced Mucositis Is Associated with Changes in Proteolytic Pathways. Experimental Biology and Medicine, 2008, 233, 219-228.	1.1	26
56	Beneficial effects of cathepsin inhibition to prevent chemotherapy-induced intestinal mucositis. Clinical and Experimental Immunology, 2010, 162, 298-305.	1.1	26
57	Hypothalamic Neuropeptide 26RFa Acts as an Incretin to Regulate Glucose Homeostasis. Diabetes, 2015, 64, 2805-2816.	0.3	26
58	Alterations of proteome, mitochondrial dynamic and autophagy in the hypothalamus during activity-based anorexia. Scientific Reports, 2018, 8, 7233.	1.6	26
59	Ghrelin treatment prevents development of activity based anorexia in mice. European Neuropsychopharmacology, 2016, 26, 948-958.	0.3	24
60	High-fat diet increases ghrelin-expressing cells in stomach, contributing to obesity. Nutrition, 2016, 32, 709-715.	1.1	24
61	Chemotherapy-induced anorexia is accompanied by activation of brain pathways signaling dehydration. Physiology and Behavior, 2010, 101, 639-648.	1.0	23
62	Impact of eating disorders and psychological distress on the quality of life of obese people. Nutrition, 2012, 28, e7-e13.	1.1	23
63	Hypermetabolism is a reality in amyotrophic lateral sclerosis compared to healthy subjects. Journal of the Neurological Sciences, 2021, 420, 117257.	0.3	23
64	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, 505-512.	1.8	22
65	Intestinal inflammation influences Î±-MSH reactive autoantibodies: Relevance to food intake and body weight. Psychoneuroendocrinology, 2012, 37, 94-106.	1.3	21
66	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, 535-544.	1.2	21
67	Validity of Predictive Equations for Resting Energy Expenditure Developed for Obese Patients: Impact of Body Composition Method. Nutrients, 2018, 10, 63.	1.7	21
68	L-Arginine modulates CXC chemokines in the human intestinal epithelial cell line HCT-8 by the NO pathway. Biochimie, 2005, 87, 1048-1055.	1.3	20
69	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.	1.6	19
70	Glutamine, but not Branched-Chain Amino Acids, Restores Intestinal Barrier Function during Activity-Based Anorexia. Nutrients, 2019, 11, 1348.	1.7	19
71	2,4,6-trinitrobenzene sulfonic acid-induced chronic colitis with fibrosis and modulation of TGF-Î²1 signaling. World Journal of Gastroenterology, 2014, 20, 18207.	1.4	19
72	A Diet Containing Whey Protein, Glutamine, and TGFÎ² Modulates Gut Protein Metabolism During Chemotherapy-Induced Mucositis in Rats. Digestive Diseases and Sciences, 2010, 55, 2172-2181.	1.1	17

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73	Enteral delivery of proteins stimulates protein synthesis in human duodenal mucosa in the fed state through a mammalian target of rapamycinâ€“independent pathway. American Journal of Clinical Nutrition, 2013, 97, 286-294.	2.2	17
74	The number of preproghrelin mRNA expressing cells is increased in mice with activity-based anorexia. Neuropeptides, 2015, 51, 17-23.	0.9	17
75	Combined enteral infusion of glutamine, carbohydrates, and antioxidants modulates gut protein metabolism in humans. American Journal of Clinical Nutrition, 2008, 88, 1284-90.	2.2	17
76	Modulation of nitric oxide and cytokines production by l-arginine in human gut mucosa. Clinical Nutrition, 2005, 24, 353-359.	2.3	16
77	A Diet Containing Whey Protein, Free Glutamine, and Transforming Growth Factor-Î² Ameliorates Nutritional Outcome and Intestinal Mucositis during Repeated Chemotherapeutic Challenges in Rats. Journal of Nutrition, 2010, 140, 799-805.	1.3	16
78	Fructose and irritable bowel syndrome. Nutrition Research Reviews, 2020, 33, 235-243.	2.1	16
79	Intestinal Permeability in Patients With Diarrhea-Predominant Irritable Bowel Syndrome: Is There a Place for Glutamine Supplementation?. Gastroenterology, 2015, 148, 1079-1080.	0.6	15
80	Increased Ghrelin but Low Ghrelin-Reactive Immunoglobulins in a Rat Model of Methotrexate Chemotherapy-Induced Anorexia. Frontiers in Nutrition, 2016, 3, 23.	1.6	14
81	Gut microbiota depletion affects nutritional and behavioral responses to activity-based anorexia model in a sex-dependent manner. Clinical Nutrition, 2021, 40, 2734-2744.	2.3	14
82	Effect of glutamine on water and sodium absorption in human jejunum at baseline and during PGE1-induced secretion. Journal of Applied Physiology, 2005, 98, 2163-2168.	1.2	13
83	Glutamine enema regulates colonic ubiquitinated proteins but not proteasome activities during TNBSâ€induced colitis leading to increased mitochondrial activity. Proteomics, 2015, 15, 2198-2210.	1.3	13
84	Delayed gastric emptying and altered antrum protein metabolism during activityâ€based anorexia. Neurogastroenterology and Motility, 2018, 30, e13305.	1.6	13
85	Evaluation of ubiquitinated proteins by proteomics reveals the role of the ubiquitin proteasome system in the regulation of <scp>G</scp>rp75 and <scp>G</scp>rp78 chaperone proteins during intestinal inflammation. Proteomics, 2013, 13, 3284-3292.	1.3	12
86	Proteome modifications of gut microbiota in mice with activity-based anorexia and starvation: Role in ATP production. Nutrition, 2019, 67-68, 110557.	1.1	12
87	Heme oxygenase: A new piece in the glutamine puzzle*. Critical Care Medicine, 2005, 33, 457-458.	0.4	11
88	Lack of Effect of Acute Enteral Arginine Infusion on Whole-Body and Intestinal Protein Metabolism in Humans. Digestive Diseases and Sciences, 2007, 52, 1826-1832.	1.1	11
89	Targeting immunoproteasome and glutamine supplementation prevent intestinal hyperpermeability. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 3278-3288.	1.1	10
90	Colonic Mucosal Proteome Signature Reveals Reduced Energy Metabolism and Protein Synthesis but Activated Autophagy during Anorexiaâ€induced Malnutrition in Mice. Proteomics, 2018, 18, e1700395.	1.3	10

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91	Characterizing the metabolic perturbations induced by activity-based anorexia in the C57Bl/6 mouse using 1H NMR spectroscopy. Clinical Nutrition, 2020, 39, 2428-2434.	2.3	10
92	Stress-induced intestinal barrier dysfunction is exacerbated during diet-induced obesity. Journal of Nutritional Biochemistry, 2020, 81, 108382.	1.9	10
93	Effects of an enteral glucose supply on protein synthesis, proteolytic pathways, and proteome in human duodenal mucosa. American Journal of Clinical Nutrition, 2011, 94, 784-794.	2.2	9
94	Omega-3 Polyunsaturated Fatty Acids Delay the Progression of Endotoxic Shock-Induced Myocardial Dysfunction. Inflammation, 2013, 36, 932-940.	1.7	9
95	Enteral glutamine infusion modulates ubiquitination of heat shock proteins, Grp-75 and Apg-2, in the human duodenal mucosa. Amino Acids, 2014, 46, 1059-1067.	1.2	9
96	New therapeutic approaches to target gut-brain axis dysfunction during anorexia nervosa. Clinical Nutrition Experimental, 2019, 28, 33-41.	2.0	9
97	Increased resting energy expenditure compared with predictive theoretical equations in amyotrophic lateral sclerosis. Nutrition, 2020, 77, 110805.	1.1	9
98	Plasma Peptide Concentrations and Peptide-Reactive Immunoglobulins in Patients with Eating Disorders at Inclusion in the French EDILS Cohort (Eating Disorders Inventory and Longitudinal) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 45	1.7	9
99	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, 1758.	1.7	8
100	Bone Mineral Density after Weight Gain in 160 Patients with Anorexia Nervosa. Frontiers in Nutrition, 2017, 4, 46.	1.6	7
101	SupplÃ©mentation parentÃ©rale en glutamine en rÃ©animationÂ: preuves cliniques et mÃ©canismes dâ€™action. Reanimation: Journal De La Societe De Reanimation De Langue Francaise, 2009, 18, 506-510.	0.1	6
102	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, 359-367.	2.2	6
103	Proteasome inhibitors exacerbate interleukin-8 production induced by protease-activated receptor 2 in intestinal epithelial cells. Cytokine, 2016, 86, 41-46.	1.4	6
104	Validity of Bioimpedance Equations to Evaluate Fat-Free Mass and Muscle Mass in Severely Malnourished Anorectic Patients. Journal of Clinical Medicine, 2020, 9, 3664.	1.0	6
105	Human duodenal proteome modulations by glutamine and antioxidants. Proteomics - Clinical Applications, 2010, 4, 325-336.	0.8	5
106	Intestinal permeability and appetite regulating peptides-reactive immunoglobulins in severely malnourished women with anorexia nervosa. Clinical Nutrition, 2022, 41, 1752-1758.	2.3	5
107	Parenteral glutamine in critically ill patients: effects on complication rate and glucose homeostasis. Clinical Nutrition Supplements, 2004, 1, 33-36.	0.0	4
108	Comment Ã©valuer les besoins Ã©nergÃ©tiques et protÃ©iques du sujet obÃ¨seÂ?. Nutrition Clinique Et Metabolisme, 2017, 31, 260-267.	0.2	4

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109	Colonic Proteome Signature in Immunoproteasome-Deficient Stressed Mice and Its Relevance for Irritable Bowel Syndrome. Journal of Proteome Research, 2018, 18, 478-492.	1.8	4
110	Influence of Glutamine and Branched-Chain Amino Acids Supplementation during Refeeding in Activity-Based Anorectic Mice. Nutrients, 2020, 12, 3510.	1.7	3
111	An inÂvitro explant model for studies of intestinal amino acid metabolism. Clinical Nutrition Experimental, 2020, 29, 1-9.	2.0	3
112	MÃ©canismes dâ€™action potentiels de la glutamine chez le patient agressÃ©. Nutrition Clinique Et Metabolisme, 2009, 23, 133-136.	0.2	2
113	Quel pharmaconutriment choisir en rÃ©animationÂ?. Nutrition Clinique Et Metabolisme, 2009, 23, 226-234.	0.2	2
114	SUN-P241: Activation of Autophagy in the Colonic Mucosa of Anorectic Mice. Clinical Nutrition, 2016, 35, S133-S134.	2.3	1
115	OR42: Validity of Bioimpedance Equations to Evaluate Body Composition in Patients with Severe Anorexia Nervosa. Clinical Nutrition, 2019, 38, S20.	2.3	1
116	Does glutamine-supplemented total parenteral nutrition reduce the incidence of nosocomial pneumonia?. Critical Care Medicine, 2006, 34, 2872.	0.4	0
117	Quelle pharmaconutrition pour lutter contre la sarcopÃ©nieÂ?. Nutrition Clinique Et Metabolisme, 2009, 23, 76-79.	0.2	0
118	RÃ©gulation du mÃ©tabolisme protÃ©ique intestinal par les nutriments. Nutrition Clinique Et Metabolisme, 2011, 25, 131-137.	0.2	0
119	Intestinal lymphatic alteration in mouse models of energy imbalance. Nutrition, 2020, 73, 110714.	1.1	0
120	Balance Ã©nergÃ©tique et composition corporelle. , 2021, , 147-150.		0
121	Role of gastric motility in weight gain after subthalamic nucleus stimulation in Parkinson's disease. Brain Stimulation, 2021, 14, 801-803.	0.7	0