

# Dominique Darmaun

## List of Publications by Year in descending order

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140  
papers

6,749  
citations

57631

44  
h-index

74018

75  
g-index

158  
all docs

158  
docs citations

158  
times ranked

6196  
citing authors

#	ARTICLE	IF	CITATIONS
1	Enteral Nutrient Supply for Preterm Infants: Commentary From the European Society of Paediatric Gastroenterology, Hepatology and Nutrition Committee on Nutrition. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2010, 50, 85-91.	0.9	1,206
2	Early Intestinal Bacterial Colonization and Necrotizing Enterocolitis in Premature Infants: The Putative Role of Clostridium. <i>Pediatric Research</i> , 2004, 56, 366-370.	1.1	203
3	Oral supplementation with probiotics in very-low-birth-weight preterm infants: a randomized, double-blind, placebo-controlled trial. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 1828-1835.	2.2	182
4	The apparent breastfeeding paradox in very preterm infants: relationship between breast feeding, early weight gain and neurodevelopment based on results from two cohorts, EPIPAGE and LIFT. <i>BMJ Open</i> , 2012, 2, e000834.	0.8	175
5	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Lipids. <i>Clinical Nutrition</i> , 2018, 37, 2324-2336.	2.3	163
6	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Amino acids. <i>Clinical Nutrition</i> , 2018, 37, 2315-2323.	2.3	148
7	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Energy. <i>Clinical Nutrition</i> , 2018, 37, 2309-2314.	2.3	135
8	Investigation of the intestinal microbiota in preterm infants using different methods. <i>Anaerobe</i> , 2010, 16, 362-370.	1.0	118
9	Vitamin D: Still a topical matter in children and adolescents. A position paper by the Committee on Nutrition of the French Society of Paediatrics. <i>Archives De Pediatrie</i> , 2012, 19, 316-328.	0.4	116
10	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Calcium, phosphorus and magnesium. <i>Clinical Nutrition</i> , 2018, 37, 2360-2365.	2.3	101
11	Calcium and protein kinetics in prepubertal boys. Positive effects of testosterone.. <i>Journal of Clinical Investigation</i> , 1994, 93, 1014-1019.	3.9	96
12	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Iron and trace minerals. <i>Clinical Nutrition</i> , 2018, 37, 2354-2359.	2.3	89
13	Use of 13C-labeled glucose for estimating glucose oxidation: some design considerations. <i>Journal of Applied Physiology</i> , 1987, 63, 1725-1732.	1.2	85
14	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Carbohydrates. <i>Clinical Nutrition</i> , 2018, 37, 2337-2343.	2.3	85
15	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Fluid and electrolytes. <i>Clinical Nutrition</i> , 2018, 37, 2344-2353.	2.3	85
16	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Vitamins. <i>Clinical Nutrition</i> , 2018, 37, 2366-2378.	2.3	82
17	Use of 10-point analogue scales to estimate dietary intake: A prospective study in patients nutritionally at-risk. <i>Clinical Nutrition</i> , 2009, 28, 134-140.	2.3	79
18	Protein and Energy Metabolism in Prepubertal Children with Sickle Cell Anemia. <i>Pediatric Research</i> , 1996, 40, 34-40.	1.1	77

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19	Effect of preterm birth and birth weight on eating behavior at 2 y of age. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 1270-1277.	2.2	76
20	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Venous access. <i>Clinical Nutrition</i> , 2018, 37, 2379-2391.	2.3	73
21	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Complications. <i>Clinical Nutrition</i> , 2018, 37, 2418-2429.	2.3	73
22	Evidence for Accelerated Rates of Glutathione Utilization and Glutathione Depletion in Adolescents With Poorly Controlled Type 1 Diabetes. <i>Diabetes</i> , 2005, 54, 190-196.	0.3	71
23	Nutritional strategies and gut microbiota composition as risk factors for necrotizing enterocolitis in very-preterm infants. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 821-830.	2.2	71
24	Determination of glutamine in muscle protein facilitates accurate assessment of proteolysis and de novo synthesisâ€derived endogenous glutamine production. <i>American Journal of Clinical Nutrition</i> , 1999, 70, 484-489.	2.2	70
25	A method for measuring both glutamine and glutamate levels and stable isotopic enrichments. <i>Analytical Biochemistry</i> , 1985, 147, 92-102.	1.1	69
26	Simultaneous determination of glutathione and cysteine concentrations and 2H enrichments in microvolumes of neonatal blood using gas chromatographyâ€mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 390, 1403-1412.	1.9	64
27	Impact of Changes in Serum Sodium Levels on 2-Year Neurologic Outcomes for Very Preterm Neonates. <i>Pediatrics</i> , 2009, 124, e655-e661.	1.0	63
28	Offspring Metabolomic Response to Maternal Protein Restriction in a Rat Model of Intrauterine Growth Restriction (IUGR). <i>Journal of Proteome Research</i> , 2011, 10, 3292-3302.	1.8	63
29	Dietary treatment of cows' milk protein allergy in childhood: a commentary by the Committee on Nutrition of the French Society of Paediatrics. <i>British Journal of Nutrition</i> , 2012, 107, 325-338.	1.2	60
30	Glutamine Metabolism in Very Low Birth Weight Infants. <i>Pediatric Research</i> , 1997, 41, 391-396.	1.1	58
31	1H-NMR-Based Metabolic Profiling of Maternal and Umbilical Cord Blood Indicates Altered Materno-Foetal Nutrient Exchange in Preterm Infants. <i>PLoS ONE</i> , 2012, 7, e29947.	1.1	57
32	Determinants of body composition in preterm infants at the time of hospital discharge. <i>American Journal of Clinical Nutrition</i> , 2014, 100, 98-104.	2.2	57
33	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Standard versus individualized parenteral nutrition. <i>Clinical Nutrition</i> , 2018, 37, 2409-2417.	2.3	56
34	Glutamine metabolism after small intestinal resection in humans. <i>Metabolism: Clinical and Experimental</i> , 1991, 40, 42-44.	1.5	54
35	Fecal Calprotectin Excretion in Preterm Infants during the Neonatal Period. <i>PLoS ONE</i> , 2010, 5, e11083.	1.1	54
36	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Home parenteral nutrition. <i>Clinical Nutrition</i> , 2018, 37, 2401-2408.	2.3	54

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37	An $\hat{\pm}$ -lactalbumin-enriched and symbiotic-supplemented v. a standard infant formula: a multicentre, double-blind, randomised trial. <i>British Journal of Nutrition</i> , 2012, 107, 1616-1622.	1.2	53
38	Intrauterine Growth Restriction Alters Postnatal Colonic Barrier Maturation in Rats. <i>Pediatric Research</i> , 2009, 66, 47-52.	1.1	49
39	Nutritional management of cow's milk allergy in children: An update. <i>Archives De Pediatrie</i> , 2018, 25, 236-243.	0.4	49
40	Efficacy and safety of hydrolyzed rice-protein formulas for the treatment of cow's milk protein allergy. <i>Archives De Pediatrie</i> , 2019, 26, 238-246.	0.4	49
41	Maternal and Cord Blood LC-HRMS Metabolomics Reveal Alterations in Energy and Polyamine Metabolism, and Oxidative Stress in Very-low Birth Weight Infants. <i>Journal of Proteome Research</i> , 2013, 12, 2764-2778.	1.8	48
42	L-Arginine treatment for severe vascular fetal intrauterine growth restriction: A randomized double-blind controlled trial. <i>Clinical Nutrition</i> , 2009, 28, 243-248.	2.3	47
43	Glutamine and glutamate nitrogen exchangeable pools in cultured fibroblasts: A stable isotope study. <i>Journal of Cellular Physiology</i> , 1988, 134, 143-148.	2.0	46
44	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Organisational aspects. <i>Clinical Nutrition</i> , 2018, 37, 2392-2400.	2.3	46
45	Effects of Glutamine and Recombinant Human Growth Hormone on Protein Metabolism in Prepubertal Children with Cystic Fibrosis. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 1146-1152.	1.8	44
46	Evidence for Hypermetabolism in Boys with Constitutional Delay of Growth and Maturation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 2081-2086.	1.8	41
47	Supplementation With Galactooligosaccharides and Inulin Increases Bacterial Translocation in Artificially Reared Newborn Rats. <i>Pediatric Research</i> , 2008, 64, 34-39.	1.1	41
48	Amino acid exchange between plasma and erythrocytes in vivo in humans. <i>Journal of Applied Physiology</i> , 1989, 67, 2383-2388.	1.2	40
49	Cord Blood Glutathione Depletion in Preterm Infants: Correlation with Maternal Cysteine Depletion. <i>PLoS ONE</i> , 2011, 6, e27626.	1.1	40
50	Glutamine metabolism in healthy adult men: response to enteral and intravenous feeding. <i>American Journal of Clinical Nutrition</i> , 1994, 59, 1395-1402.	2.2	39
51	L-Citrulline Supplementation Enhances Fetal Growth and Protein Synthesis in Rats with Intrauterine Growth Restriction. <i>Journal of Nutrition</i> , 2016, 146, 532-541.	1.3	39
52	Production rate of acetate during colonic fermentation of lactulose: a stable-isotope study in humans. <i>American Journal of Clinical Nutrition</i> , 1998, 68, 1276-1283.	2.2	38
53	Perinatal protein restriction affects milk free amino acid and fatty acid profile in lactating rats: potential role on pup growth and metabolic status. <i>Journal of Nutritional Biochemistry</i> , 2015, 26, 784-795.	1.9	38
54	Acute Effects of Intravenous Glutamine Supplementation on Protein Metabolism in Very Low Birth Weight Infants: A Stable Isotope Study. <i>Pediatric Research</i> , 2002, 51, 87-93.	1.1	37

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55	Plasma citrulline is a marker of absorptive small bowel length in patients with transient enterostomy and acute intestinal failure. <i>Clinical Nutrition</i> , 2010, 29, 235-242.	2.3	37
56	Oral citrulline does not affect whole body protein metabolism in healthy human volunteers: Results of a prospective, randomized, double-blind, cross-over study. <i>Clinical Nutrition</i> , 2011, 30, 807-811.	2.3	37
57	Effect of sex and gestational age on neonatal body composition. <i>British Journal of Nutrition</i> , 2013, 109, 1105-1108.	1.2	37
58	Leucine metabolism in preterm infants receiving parenteral nutrition with medium-chain compared with long-chain triacylglycerol emulsions. <i>American Journal of Clinical Nutrition</i> , 1999, 69, 539-543.	2.2	36
59	Parenteral nutrition for preterm infants: Issues and strategy. <i>Archives De Pediatrie</i> , 2018, 25, 286-294.	0.4	36
60	Lower risk of atopic dermatitis among infants born extremely preterm compared with higher gestational age. <i>British Journal of Dermatology</i> , 2013, 169, 1257-1264.	1.4	34
61	Glutamine Metabolism in Children with Short-Bowel Syndrome: A Stable Isotope Study. <i>Pediatric Research</i> , 1994, 36, 202-206.	1.1	33
62	Prewaning modulation of intestinal microbiota by oligosaccharides or amoxicillin can contribute to programming of adult microbiota in rats. <i>Nutrition</i> , 2015, 31, 515-522.	1.1	32
63	ESPGHAN/ESPEN/ESPR/CSPEN guidelines on pediatric parenteral nutrition: Guideline development process for the updated guidelines. <i>Clinical Nutrition</i> , 2018, 37, 2306-2308.	2.3	32
64	Lipoprotein Kinetics in Patients With Analbuminemia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 1997, 17, 1369-1375.	1.1	31
65	Higher concentrations of branched-chain amino acids in breast milk of obese mothers. <i>Nutrition</i> , 2016, 32, 1295-1298.	1.1	31
66	Use of UPLC-ESI-MS/MS to quantitate free amino acid concentrations in micro-samples of mammalian milk. <i>SpringerPlus</i> , 2013, 2, 622.	1.2	30
67	Higher Leptin but Not Human Milk Macronutrient Concentration Distinguishes Normal-Weight from Obese Mothers at 1-Month Postpartum. <i>PLoS ONE</i> , 2016, 11, e0168568.	1.1	30
68	Maternal and fetal tryptophan metabolism in gestating rats: effects of intrauterine growth restriction. <i>Amino Acids</i> , 2016, 48, 281-290.	1.2	30
69	Deficit of Fat Free Mass in Very Preterm Infants at Discharge is Associated with Neurological Impairment at Age 2 Years. <i>Journal of Pediatrics</i> , 2018, 196, 301-304.	0.9	29
70	Poorly controlled type 1 diabetes is associated with altered glutathione homeostasis in adolescents: apparent resistance to N-acetylcysteine supplementation. <i>Pediatric Diabetes</i> , 2008, 9, 577-582.	1.2	28
71	Is glutamine a "conditionally essential" amino acid in Duchenne muscular dystrophy?. <i>Clinical Nutrition</i> , 1999, 18, 365-369.	2.3	27
72	Rate of carbon dioxide production and energy expenditure in fed and food-deprived adult dogs determined by indirect calorimetry and isotopic methods. <i>American Journal of Veterinary Research</i> , 2002, 63, 111-118.	0.3	27

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73	Effect of glutamine on glutathione kinetics in vivo in dogs. Journal of Nutritional Biochemistry, 2007, 18, 10-16.	1.9	25
74	Air-displacement plethysmography for determining body composition in neonates: validation using live piglets. Pediatric Research, 2012, 72, 26-31.	1.1	25
75	Neonatal growth velocity of preterm infants: The weight Z-score change versus Patel exponential model. PLoS ONE, 2019, 14, e0218746.	1.1	25
76	Nutritional risks of ARFID (avoidant restrictive food intake disorders) and related behavior. Archives De Pediatrie, 2019, 26, 437-441.	0.4	24
77	Maternal citrulline supplementation enhances placental function and fetal growth in a rat model of IUGR: involvement of insulin-like growth factor 2 and angiogenic factors. Journal of Maternal-Fetal and Neonatal Medicine, 2017, 30, 1906-1911.	0.7	22
78	Use of L-[15N] glutamic acid and homocysteine to determine both glutathione synthesis and concentration by gas chromatography-mass spectrometry (GCMS). Journal of Mass Spectrometry, 2001, 36, 726-735.	0.7	21
79	Non-Invasive Exploration of Neonatal Gastric Epithelium by Using Exfoliated Epithelial Cells. PLoS ONE, 2011, 6, e25562.	1.1	21
80	Simultaneous detection of stable isotope labeled and unlabeled L-tryptophan and of its main metabolites, kynurenine, serotonin and quinolinic acid, by gas chromatography/negative ion chemical ionization mass spectrometry. Journal of Mass Spectrometry, 2014, 49, 128-135.	0.7	21
81	Alterations in glutamine synthetase activity in rat skeletal muscle are associated with advanced age. Nutrition, 2006, 22, 778-785.	1.1	20
82	Glutamine metabolism in Crohn's disease: a stable isotope study. Clinical Nutrition, 2004, 23, 1167-1175.	2.3	19
83	In Preterm Infants, Length Growth below Expected Growth during Hospital Stay Predicts Poor Neurodevelopment at 2 Years. Neonatology, 2018, 114, 135-141.	0.9	19
84	Religious dietary rules and their potential nutritional and health consequences. International Journal of Epidemiology, 2021, 50, 12-26.	0.9	19
85	Energy and protein metabolism in malnutrition due to nonneoplastic gastrointestinal diseases. Metabolism: Clinical and Experimental, 1995, 44, 1110-1115.	1.5	18
86	Role of glucose and glutamine synthesis in the differential recovery of 13CO2 from infused [2-13C] versus [1-13C] acetate. Metabolism: Clinical and Experimental, 1998, 47, 549-554.	1.5	18
87	Vitamin A in pediatrics: An update from the Nutrition Committee of the French Society of Pediatrics. Archives De Pediatrie, 2017, 24, 288-297.	0.4	18
88	Does oral glutamine improve insulin sensitivity in adolescents with type 1 diabetes?. Nutrition, 2017, 34, 1-6.	1.1	18
89	A combination of lipidomics, MS imaging, and PET scan imaging reveals differences in cerebral activity in rat pups according to the lipid quality of infant formulas. FASEB Journal, 2018, 32, 4776-4790.	0.2	18
90	Métabolisme de la glutamine in vivo chez l'homme : implications pour la nutrition artificielle. Nutrition Clinique Et Metabolisme, 1990, 4, 203-214.	0.2	17

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91	Long term metabolic impact of high protein neonatal feeding: A preliminary study in male rat pups born with a low birth weight. <i>Clinical Nutrition</i> , 2012, 31, 741-748.	2.3	16
92	Lipid intake in children under 3years of age in France. A position paper by the Committee on Nutrition of the French Society of Paediatrics. <i>Archives De Pediatrie</i> , 2014, 21, 424-438.	0.4	16
93	Impact of perinatal prebiotic consumption on gestating mice and their offspring: a preliminary report. <i>British Journal of Nutrition</i> , 2012, 107, 1245-1248.	1.2	15
94	Post-term growth and cognitive development at 5 years of age in preterm children: Evidence from a prospective population-based cohort. <i>PLoS ONE</i> , 2017, 12, e0174645.	1.1	15
95	Simultaneous exploration of nutrients and pollutants in human milk and their impact on preterm infant growth: An integrative cross-platform approach. <i>Environmental Research</i> , 2020, 182, 109018.	3.7	15
96	Determination of low <sup>13</sup> C-glutamine enrichments using gas chromatography-combustion-isotope ratio mass spectrometry. , 1997, 32, 1094-1099.		14
97	Whole-Body, Peripheral and Intestinal Endogenous Acetate Turnover in Dogs Using Stable Isotopes. <i>Journal of Nutrition</i> , 1998, 128, 111-115.	1.3	14
98	Determination of <sup>13</sup> C isotopic enrichment of glutathione and glycine by gas chromatography/combustion/isotope ratio mass spectrometry after formation of the N- or N,S-ethoxycarbonyl methyl ester derivatives. <i>Rapid Communications in Mass Spectrometry</i> , 2007, 21, 3245-3252.	0.7	14
99	Growth hormone enhances fat-free mass and glutamine availability in patients with short-bowel syndrome: an ancillary double-blind, randomized crossover study , , <i>American Journal of Clinical Nutrition</i> , 2014, 100, 850-858.	2.2	14
100	Dysgeusia and weight loss under treatment with vismodegib: benefit of nutritional management. <i>Supportive Care in Cancer</i> , 2016, 24, 1689-1695.	1.0	13
101	Role of glutamine as a glucose precursor in fasting humans. <i>Diabetes</i> , 1997, 46, 1535-1541.	0.3	13
102	Association Between Early Amino Acid Intake and Full-Scale IQ at Age 5 Years Among Infants Born at Less Than 30 Weeksâ€™ Gestation. <i>JAMA Network Open</i> , 2021, 4, e2135452.	2.8	13
103	Acute depletion of plasma glutamine increases leucine oxidation in prednisone-treated humans. <i>Clinical Nutrition</i> , 2007, 26, 231-238.	2.3	12
104	Determination of citrulline in human plasma, red blood cells and urine by electron impact (EI) ionization gas chromatographyâ€™ mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 865, 40-47.	1.2	12
105	High protein intake in neonatal period induces glomerular hypertrophy and sclerosis in adulthood in rats born with IUGR. <i>Pediatric Research</i> , 2016, 79, 22-26.	1.1	12
106	Impact of Fenugreek on Milk Production in Rodent Models of Lactation Challenge. <i>Nutrients</i> , 2019, 11, 2571.	1.7	12
107	Intestinal Microbiota in Neonates and Preterm Infants: A Review. <i>Current Pediatric Reviews</i> , 2007, 3, 21-34.	0.4	11
108	Glutamine supplementation does not improve protein synthesis rate by the jejunal mucosa of the malnourished rat. <i>Nutrition Research</i> , 2009, 29, 596-601.	1.3	11

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109	Hypothalamus integrity and appetite regulation in low birth weight rats reared artificially on a high-protein milk formula. <i>Journal of Nutritional Biochemistry</i> , 2011, 22, 956-963.	1.9	11
110	Perinatal supplementation of 4-phenylbutyrate and glutamine attenuates endoplasmic reticulum stress and improves colonic epithelial barrier function in rats born with intrauterine growth restriction. <i>Journal of Nutritional Biochemistry</i> , 2018, 55, 104-112.	1.9	11
111	Fenugreek Stimulates the Expression of Genes Involved in Milk Synthesis and Milk Flow through Modulation of Insulin/GH/IGF-1 Axis and Oxytocin Secretion. <i>Genes</i> , 2020, 11, 1208.	1.0	11
112	Vegetarian diet in children and adolescents: A health benefit?. <i>Archives De Pediatrie</i> , 2020, 27, 173-175.	0.4	10
113	Research priorities in pediatric parenteral nutrition: a consensus and perspective from ESPGHAN/ESPEN/ESPR/CSPEN. <i>Pediatric Research</i> , 2022, 92, 61-70.	1.1	10
114	Whole body glucose kinetics in type I diabetes studied with [6,6-2H] and [U-13C]-glucose and the artificial B-cell. <i>Metabolism: Clinical and Experimental</i> , 1988, 37, 491-498.	1.5	9
115	Use of a Ventilated Canopy for Assessment of [13C]Leucine Oxidation in Patients Receiving Total Parenteral Nutrition. <i>Journal of Parenteral and Enteral Nutrition</i> , 1991, 15, 65-70.	1.3	9
116	Does acute glutamine depletion enhance the response of glutamine synthesis to fasting in muscle in adult and old rats?. <i>Clinical Nutrition</i> , 2005, 24, 398-406.	2.3	9
117	Effects of Glutamine on Glycemic Control During and After Exercise in Adolescents With Type 1 Diabetes. <i>Diabetes Care</i> , 2010, 33, 1951-1953.	4.3	9
118	Effect of glutamine on glucose metabolism in children with Duchenne muscular dystrophy. <i>Clinical Nutrition</i> , 2013, 32, 386-390.	2.3	9
119	Use of water turnover method to measure mother's milk flow in a rat model: Application to dams receiving a low protein diet during gestation and lactation. <i>PLoS ONE</i> , 2017, 12, e0180550.	1.1	9
120	Qu'est-ce qu'un acide aminé essentiel en 2008?. <i>Nutrition Clinique Et Metabolisme</i> , 2008, 22, 142-150.	0.2	8
121	Urinary citrulline in very low birth weight preterm infants receiving intravenous nutrition. <i>British Journal of Nutrition</i> , 2012, 108, 1150-1154.	1.2	8
122	Neonatal Citrulline Supplementation and Later Exposure to a High Fructose Diet in Rats Born with a Low Birth Weight: A Preliminary Report. <i>Nutrients</i> , 2017, 9, 375.	1.7	8
123	Duodenal vs. gastric administration of labeled leucine for the study of splanchnic metabolism in humans. <i>Journal of Applied Physiology</i> , 2000, 89, 573-580.	1.2	7
124	Maternal protein restriction during lactation induces early and lasting plasma metabolomic and hepatic lipidomic signatures of the offspring in a rodent programming model. <i>Journal of Nutritional Biochemistry</i> , 2018, 55, 124-141.	1.9	7
125	Maternal supplementation with citrulline or arginine during gestation impacts fetal amino acid availability in a model of intrauterine growth restriction (IUGR). <i>Clinical Nutrition</i> , 2020, 39, 3736-3743.	2.3	7
126	Whole-body protein metabolism assessed by leucine and glutamine kinetics in adult patients with active celiac disease. <i>Metabolism: Clinical and Experimental</i> , 1998, 47, 1429-1433.	1.5	6



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127	Effect of oral citrulline supplementation on whole body protein metabolism in adult patients with short bowel syndrome: A pilot, randomized, double-blind, cross-over study. <i>Clinical Nutrition</i> , 2019, 38, 2599-2606.	2.3	6
128	Determination of glutamine and $\hat{\pm}$ -ketoglutarate concentration and specific activity in plasma using high-performance liquid chromatography. <i>Biomedical Applications</i> , 1993, 620, 33-38.	1.7	5
129	Pollutants in Breast Milk. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2021, 72, 343-346.	0.9	5
130	Hyperglucagonemia and the immediate fate of dietary leucine: A kinetic study in humans. <i>Metabolism: Clinical and Experimental</i> , 1998, 47, 497-502.	1.5	4
131	Acute changes in blood glucose do not alter blood glutathione synthesis in adolescents with poorly controlled type 1 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2012, 61, 373-378.	1.5	4
132	Can Short Bouts of Exercise (œExercise Snacksœ) Improve Body Composition in Adolescents with Type 1 Diabetes? A Feasibility Study. <i>Hormone Research in Paediatrics</i> , 2019, 92, 245-253.	0.8	4
133	Dietary Protein Level Affects Protein Metabolism during the Postabsorptive State in Dogs. <i>Journal of Nutrition</i> , 2002, 132, 1676S-1678S.	1.3	3
134	The new European regulatory framework for infant and follow-on formulas: Comments from the Committee of Nutrition of the French Society of Pediatrics (CN-SFP). <i>Archives De Pédiatrie</i> , 2020, 27, 351-353.	0.4	2
135	Quels apports azotés spécifiques au cours de l'agression ?. <i>Nutrition Clinique Et Metabolisme</i> , 1998, 12, 137-144.	0.2	1
136	Décrire la dénutrition de l'enfant. <i>Nutrition Clinique Et Metabolisme</i> , 2013, 27, 156-159.	0.2	1
137	La nutrition des mille premiers jours: quels enjeux?. <i>Nutrition Clinique Et Metabolisme</i> , 2020, 34, 183-193.	0.2	1
138	Protein intake pattern in non-breastfed infants and toddlers: A survey in a nationally representative sample of French children. <i>Clinical Nutrition</i> , 2022, 41, 269-278.	2.3	1
139	Dietary Arginine Supplementation during Gestation and Lactation Increases Milk Yield and Mammary Lipogenesis in Rats. <i>Journal of Nutrition</i> , 2021, 151, 2188-2198.	1.3	0
140	Maternal intermittent fasting during pregnancy: a translational research challenge for an important clinical scenario. <i>Clinical Science</i> , 2021, 135, 2099-2102.	1.8	0