Martine Armand

List of Publications by Year
in descending order

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60	4,078	147801	133252
papers	citations	31 h-index	59 g-index

64	64	64	3573
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Digestion and absorption of 2 fat emulsions with different droplet sizes in the human digestive tract. American Journal of Clinical Nutrition, 1999, 70, 1096-1106.	4.7	399
2	Effect of Human Milk or Formula on Gastric Function and Fat Digestion in the Premature Infant1. Pediatric Research, 1996, 40, 429-437.	2.3	218
3	Processing of vegetable-borne carotenoids in the human stomach and duodenum. American Journal of Physiology - Renal Physiology, 2003, 284, G913-G923.	3.4	207
4	Lipases and lipolysis in the human digestive tract: where do we stand?. Current Opinion in Clinical Nutrition and Metabolic Care, 2007, 10, 156-164.	2.5	200
5	Effects of graded amounts (0â€“50 g) of dietary fat on postprandial lipemia and lipoproteins in normolipidemic adults. American Journal of Clinical Nutrition, 1998, 67, 31-38.	4.7	190
6	Mechanisms of Inhibition of Triacylglycerol Hydrolysis by Human Gastric Lipase. Journal of Biological Chemistry, 2002, 277, 28070-28079.	3.4	185
7	Effects of oat bran, rice bran, wheat fiber, and wheat germ on postprandial lipemia in healthy adults. American Journal of Clinical Nutrition, 1992, 55, 81-88.	4.7	177
8	Effects of droplet size, triacylglycerol composition, and calcium on the hydrolysis of complex emulsions by pancreatic lipase: an in vitro study. Journal of Nutritional Biochemistry, 1992, 3, 333-341.	4.2	177
9	Green tea extract (AR25Â®) inhibits lipolysis of triglycerides in gastric and duodenal medium in vitro. Journal of Nutritional Biochemistry, 2000, 11, 45-51.	4.2	169
10	Phospholipid fingerprints of milk from different mammalians determined by 31P NMR: Towards specific interest in human health. Food Chemistry, 2012, 135, 1777-1783.	8.2	132
11	Physicochemical characteristics of emulsions during fat digestion in human stomach and duodenum. American Journal of Physiology - Renal Physiology, 1996, 271, G172-G183.	3.4	124
12	Protective function of human milk: The milk fat globule. Seminars in Perinatology, 1999, 23, 242-249.	2.5	121
13	Enzyme replacement therapy for pancreatic insufficiency: present and future. Clinical and Experimental Gastroenterology, 2011, 4, 55.	2.3	114
14	The size and interfacial composition of milk fat globules are key factors controlling triglycerides bioavailability in simulated human gastro-duodenal digestion. Food Hydrocolloids, 2014, 35, 494-504.	10.7	104
15	Emulsification and lipolysis of triacylglycerols are altered by viscous soluble dietary fibres in acidic gastric medium in vitro. Biochemical Journal, 1996, 314, 269-275.	3.7	101
16	Hydrolysis of emulsions with different triglycerides and droplet sizes by gastric lipase in vitro. Effect on pancreatic lipase activity. Journal of Nutritional Biochemistry, 1994, 5, 124-133.	4.2	100
17	Processing of vitamin A and E in the human gastrointestinal tract. American Journal of Physiology - Renal Physiology, 2001, 280, G95-G103.	3.4	85
18	Effects of moderate amounts of emulsified dietary fat on postprandial lipemia and lipoproteins in normolipidemic adults. American Journal of Clinical Nutrition, 1994, 60, 374-382.	4.7	84

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19	Milk Fat Globule Glycoproteins in Human Milk and in Gastric Aspirates of Mother's Milk-Fed Preterm Infants. Pediatric Research, 1998, 44, 499-506.	2.3	80
20	Digestion and Absorption of Tubeâ€Feeding Emulsions With Different Droplet Sizes and Compositions in the Rat. Journal of Parenteral and Enteral Nutrition, 1994, 18, 534-543.	2.6	78
21	Viscous soluble dietary fibers alter emulsification and lipolysis of triacylglycerols in duodenal medium in vitro. Journal of Nutritional Biochemistry, 1996, 7, 293-302.	4.2	77
22	Dietary fat modulates gastric lipase activity in healthy humans. American Journal of Clinical Nutrition, 1995, 62, 74-80.	4.7	66
23	Breastfeeding, Polyunsaturated Fatty Acid Levels in Colostrum and Child Intelligence Quotient at Age 5-6 Years. Journal of Pediatrics, 2017, 183, 43-50.e3.	1.8	66
24	Characterization of emulsions and lipolysis of dietary lipids in the human stomach. American Journal of Physiology - Renal Physiology, 1994, 266, G372-G381.	3.4	62
25	Dietary Iron-Initiated Lipid Oxidation and Its Inhibition by Polyphenols in Gastric Conditions. Journal of Agricultural and Food Chemistry, 2012, 60, 9074-9081.	5.2	57
26	Chronic oat bran intake alters postprandial lipemia and lipoproteins in healthy adults. American Journal of Clinical Nutrition, 1995, 61, 325-333.	4.7	55
27	Antioxidant properties of tea blunt ROS-dependent lipogenesis: beneficial effect on hepatic steatosis in a high fat-high sucrose diet NAFLD obese rat model. Journal of Nutritional Biochemistry, 2017, 40, 95-104.	4.2	54
28	An overview of monitoring and supplementation of omega 3 fatty acids in cystic fibrosis. Clinical Biochemistry, 2007, 40, 511-520.	1.9	51
29	Postprandial chylomicron and plasma vitamin E responses in healthy older subjects compared with younger ones. European Journal of Clinical Investigation, 1997, 27, 812-821.	3.4	39
30	Policy of feeding very preterm infants with their mother's own fresh expressed milk was associated with a reduced risk of bronchopulmonary dysplasia. Acta Paediatrica, International Journal of Paediatrics, 2017, 106, 755-762.	1.5	37
31	The association between linoleic acid levels in colostrum and child cognition at 2 and 3 y in the EDEN cohort. Pediatric Research, 2015, 77, 829-835.	2.3	34
32	DigestibilitÃ© des matiÃ¨res grasses chez l'homme. Sciences Des Aliments, 2008, 28, 84-98.	0.2	32
33	Gastric Function in Children with Cystic Fibrosis: Effect of Diet on Gastric Lipase Levels and Fat Digestion. Pediatric Research, 2004, 55, 457-465.	2.3	30
34	Increased Tissue Arachidonic Acid and Reduced Linoleic Acid in a Mouse Model of Cystic Fibrosis Are Reversed by Supplemental Glycerophospholipids Enriched in Docosahexaenoic Acid1â€“3. Journal of Nutrition, 2009, 139, 2358-2364.	2.9	28
35	Gastric Proteolysis in Preterm Infants Fed Motherâ€™s Milk or Formula. Advances in Experimental Medicine and Biology, 2001, 501, 403-408.	1.6	28
36	Gastric lipase: Evidence of an adaptive response to dietary fat in the rabbit. Gastroenterology, 1991, 100, 1582-1589.	1.3	26

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37	Long-Term Wheat Germ Intake Beneficially Affects Plasma Lipids and Lipoproteins in Hypercholesterolemic Human Subjects. Journal of Nutrition, 1992, 122, 317-326.	2.9	25
38	Postprandial appearance of dietary deuterated cholesterol in the chylomicron fraction and whole plasma in healthy subjects. American Journal of Clinical Nutrition, 1996, 64, 47-52.	4.7	25
39	CYP1A1 Induction in the Colon by Serum: Involvement of the PPARÎ± Pathway and Evidence for a New Specific Human PPREÎ± Site. PLoS ONE, 2011, 6, e14629.	2.5	23
40	Adaptation of Lingual Lipase to Dietary Fat in Rats. Journal of Nutrition, 1990, 120, 1148-1156.	2.9	22
41	New Microbicidal Functions of Tracheal Glands: Defective Anti-Infectious Response to Pseudomonas aeruginosa in Cystic Fibrosis. PLoS ONE, 2009, 4, e5357.	2.5	21
42	Maternal nutritional determinants of colostrum fatty acids in the EDEN mother-child cohort. Clinical Nutrition, 2018, 37, 2127-2136.	5.0	20
43	French Mothersâ€™ Milk Deficient in DHA Contains Phospholipid Species of Potential Interest for Infant Development. Journal of Pediatric Gastroenterology and Nutrition, 2011, 53, 206-212.	1.8	19
44	Milling and Processing of Wheat and other Cereals Affect Their Capacity to Inhibit Pancreatic Lipase in Vitro. Journal of Food Science, 1992, 57, 466-469.	3.1	18
45	Cereal dietary fibers affect post-prandial lipoproteins in healthy human subjects. Carbohydrate Polymers, 1993, 21, 189-194.	10.2	17
46	Effects of increasing levels of raw or defatted wheat germ on liver, feces and plasma lipids and lipoproteins in the rat. Nutrition Research, 1991, 11, 907-916.	2.9	15
47	Adaptation of gastric lipase in mini-pigs fed a high-fat diet. Nutrition Research, 1992, 12, 489-499.	2.9	15
48	Plasma lipid lowering effects of wheat germ in hypercholesterolemic subjects. Plant Foods for Human Nutrition, 1991, 41, 135-150.	3.2	14
49	Impact of Switching from Intermittently Scanned to Real-Time Continuous Glucose Monitoring Systems in a Type 1 Diabetes Patient French Cohort: An Observational Study of Clinical Practices. Diabetes Technology and Therapeutics, 2021, 23, 259-267.	4.4	12
50	In vitro starch degradation from wheat-based products in the presence of lipid complex emulsions. Nutrition Research, 1999, 19, 881-892.	2.9	11
51	Effect of Brewing Duration on the Antioxidant and Hepatoprotective Abilities of Tea Phenolic and Alkaloid Compounds in a t-BHP Oxidative Stress-Induced Rat Hepatocyte Model. Molecules, 2015, 20, 14985-15002.	3.8	9
52	Benefits of a Switch from Intermittently Scanned Continuous Glucose Monitoring (isCGM) to Real-Time (rt) CGM in Diabetes Type 1 Suboptimal Controlled Patients in Real-Life: A One-Year Prospective Study Â§. Sensors, 2021, 21, 6131.	3.8	9
53	Digestion des lipides Alimentaires : intÃ©rÃªt de la lipase gastrique humaine ?. Cahiers De Nutrition Et De Dietetique, 2007, 42, 183-190.	0.3	3
54	Breast milk n-3 long-chain polyunsaturated fatty acids and blood pressure: an individual participant meta-analysis. European Journal of Nutrition, 2021, 60, 989-998.	3.9	3

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55	Early life exposure to polyunsaturated fatty acids and psychomotor development in children from the EDEN mother-child cohort. OCL - Oilseeds and Fats, Crops and Lipids, 2016, 23, D106.	1.4	2
56	Associations of Maternal Consumption of Dairy Products during Pregnancy with Perinatal Fatty Acids Profile in the EDEN Cohort Study. Nutrients, 2022, 14, 1636.	4.1	2
57	Effect of Massage with Oil Balanced in Essential Fatty Acids on Development and Lipid Parameters in Very Premature Neonates: A Randomized, Controlled Study. Children, 2022, 9, 463.	1.5	1
58	Nutritional quality of human milk from Mediterranean lactating women: a preliminary approach towards personalised nutrition. Genes and Nutrition, 2007, 2, 95-98.	2.5	0
59	Dietary docosahexaenoic acid-enriched glycerophospholipids exert cardioprotective effects in ouabain-treated rats via physiological and metabolic changes. Food and Function, 2016, 7, 798-804.	4.6	0
60	Reply to Letter by Alexander Seibold on â€œImpact of Switching from Intermittently Scanned to Real-Time Continuous Glucose Monitoring Systems in a Type 1 Diabetes Patient French Cohort: An Observational Study of Clinical Practicesâ€•by Yannis PrÃ©au, et al. (doi: 10.1089/dia.2020.0674). Diabetes Technology and Therapeutics, 2021, 23, 598-600.	4.4	0