BÃ©atrice Morio

List of Publications by Year
in descending order

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112	5,049	81900	98798
papers	citations	39 h-index	67 g-index

121	121	121	8006
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Cardiometabolic impacts of saturated fatty acids: are they all comparable?. International Journal of Food Sciences and Nutrition, 2022, 73, 1-14.	2.8	12
2	Snacking et rythmes alimentairesÂ: Ã©volutions et perceptions chez les FranÃ§ais. SynthÃ¨se du workshop de la SFN en partenariat avec Mondelez donnÃ© en visioconfÃ©rence le mardi 12Âoctobre 2021. Cahiers De Nutrition Et De Dietetique, 2022, 57, 74-77.	0.3	0
3	Transgenerational supplementation with eicosapentaenoic acid reduced the metabolic consequences on the whole body and skeletal muscle in mice receiving an obesogenic diet. European Journal of Nutrition, 2021, 60, 3143-3157.	3.9	4
4	Dietary obesity in mice is associated with lipid deposition and metabolic shifts in the lungs sharing features with the liver. Scientific Reports, 2021, 11, 8712.	3.3	10
5	The fastingâ€feeding metabolic transition regulates mitochondrial dynamics. FASEB Journal, 2021, 35, e21891.	0.5	16
6	Loss and gain of function of Grp75 or mitofusin 2 distinctly alter cholesterol metabolism, but all promote triglyceride accumulation in hepatocytes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 159030.	2.4	11
7	Adipose Tissue Dysfunctions in Response to an Obesogenic Diet Are Reduced in Mice after Transgenerational Supplementation with Omega 3 Fatty Acids. Metabolites, 2021, 11, 838.	2.9	3
8	Milk polar lipids reduce lipid cardiovascular risk factors in overweight postmenopausal women: towards a gut sphingomyelin-cholesterol interplay. Gut, 2020, 69, 487-501.	12.1	68
9	An Integrated Analysis of miRNA and Gene Expression Changes in Response to an Obesogenic Diet to Explore the Impact of Transgenerational Supplementation with Omega 3 Fatty Acids. Nutrients, 2020, 12, 3864.	4.1	5
10	Postprandial Endotoxin Transporters LBP and sCD14 Differ in Obese vs. Overweight and Normal Weight Men during Fat-Rich Meal Digestion. Nutrients, 2020, 12, 1820.	4.1	10
11	Glycine Metabolism and Its Alterations in Obesity and Metabolic Diseases. Nutrients, 2019, 11, 1356.	4.1	202
12	Overview of the Cross-Talk Between Hormones and Mitochondria. , 2019, , 63-91.		0
13	Mitochondria in Obesity and Type 2 Diabetes: Concluding Review and Research Perspectives. , 2019, , 421-431.		2
14	Saturated Fatty Acid-Enriched Diet-Impaired Mitochondrial Bioenergetics in Liver From Undernourished Rats During Critical Periods of Development. Cells, 2019, 8, 335.	4.1	8
15	Regulation of Mitochondria-Associated Membranes (MAMs) by NO/sGC/PKG Participates in the Control of Hepatic Insulin Response. Cells, 2019, 8, 1319.	4.1	22
16	Energy Expenditure in Older People Hospitalized for an Acute Episode. Nutrients, 2019, 11, 2946.	4.1	5
17	Prospective Study on Body Composition, Energy Balance and Biological Factors Changes in Post-menopausal Women with Breast Cancer Receiving Adjuvant Chemotherapy Including Taxanes. Nutrition and Cancer, 2018, 70, 997-1006.	2.0	6
18	The Transplantation of Ï‰3 PUFAâ€“Altered Gut Microbiota of fat-1 Mice to Wild-Type Littermates Prevents Obesity and Associated Metabolic Disorders. Diabetes, 2018, 67, 1512-1523.	0.6	65

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19	Weight Evolution During Endocrine Therapy for Breast Cancer in Postmenopausal Patients: Effect of Initial Fat Mass Percentage and Previous Adjuvant Treatments. Clinical Breast Cancer, 2018, 18, e1093-e1102.	2.4	4
20	French Recommendations for Sugar Intake in Adults: A Novel Approach Chosen by ANSES. Nutrients, 2018, 10, 989.	4.1	18
21	Reactive oxygen species enhance mitochondrial function, insulin sensitivity and glucose uptake in skeletal muscle of senescence accelerated prone mice SAMP8. Free Radical Biology and Medicine, 2017, 113, 267-279.	2.9	8
22	Age-Related Changes in Segmental Body Composition by Ethnicity and History of Weight Change across the Adult Lifespan. International Journal of Environmental Research and Public Health, 2016, 13, 821.	2.6	22
23	A 9-wk docosahexaenoic acid-enriched supplementation improves endurance exercise capacity and skeletal muscle mitochondrial function in adult rats. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E213-E224.	3.5	16
24	Oleate dose-dependently regulates palmitate metabolism and insulin signaling in C2C12 myotubes. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 2000-2010.	2.4	27
25	EPA prevents fat mass expansion and metabolic disturbances in mice fed with a Western diet. Journal of Lipid Research, 2016, 57, 1382-1397.	4.2	45
26	Reduced neural response to food cues following exercise is accompanied by decreased energy intake in obese adolescents. International Journal of Obesity, 2016, 40, 77-83.	3.4	33
27	Involvement of dietary saturated fats, from all sources or of dairy origin only, in insulin resistance and type 2 diabetes. Nutrition Reviews, 2016, 74, 33-47.	5.8	45
28	N â^' 3PUFA differentially modulate palmitate-induced lipotoxicity through alterations of its metabolism in C2C12 muscle cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 12-20.	2.4	36
29	Combining citrulline with atorvastatin preserves glucose homeostasis in a murine model of dietâ€induced obesity. British Journal of Pharmacology, 2015, 172, 4996-5008.	5.4	14
30	DHA at nutritional doses restores insulin sensitivity in skeletal muscle by preventing lipotoxicity and inflammation. Journal of Nutritional Biochemistry, 2015, 26, 949-959.	4.2	66
31	Citrulline Supplementation Induces Changes in Body Composition and Limits Age-Related Metabolic Changes in Healthy Male Rats. Journal of Nutrition, 2015, 145, 1429-1437.	2.9	43
32	Omega-3 index levels and associated factors in a middle-aged French population: the MONA LISA-NUT Study. European Journal of Clinical Nutrition, 2015, 69, 436-441.	2.9	16
33	Metabolomics reveals differential metabolic adjustments of normal and overweight subjects during overfeeding. Metabolomics, 2015, 11, 920-938.	3.0	13
34	Comparison of total energy expenditure assessed by two devices in controlled and freeâ€living conditions. European Journal of Sport Science, 2015, 15, 391-399.	2.7	19
35	Energy expenditure, spontaneous physical activity and with weight gain in kidney transplant recipients. Clinical Nutrition, 2015, 34, 457-464.	5.0	24
36	Perinatal Protein Malnutrition Affects Mitochondrial Function in Adult and Results in a Resistance to High Fat Diet-Induced Obesity. PLoS ONE, 2014, 9, e104896.	2.5	37

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37	Post-exercise energy load and activities may affect subsequent ad libitum energy intake. International Journal of Obesity, 2014, 38, 750-750.	3.4	2
38	Brown Adipose Tissue Activity in Relation to Weight Gain During Chemotherapy in Breast Cancer Patients: A Pilot Study. Nutrition and Cancer, 2014, 66, 1092-1096.	2.0	8
39	Is there spontaneous energy expenditure compensation in response to intensive exercise in obese youth?. Pediatric Obesity, 2014, 9, 147-154.	2.8	19
40	Body adiposity dictates different mechanisms of increased coronary reactivity related to improved in vivo cardiac function. Cardiovascular Diabetology, 2014, 13, 54.	6.8	17
41	Obese but not lean adolescents spontaneously decrease energy intake after intensive exercise. Physiology and Behavior, 2014, 123, 41-46.	2.1	34
42	nâ^'3 polyunsaturated fatty acids modulate metabolism of insulin-sensitive tissues: implication for the prevention of type 2 diabetes. Journal of Physiology and Biochemistry, 2014, 70, 647-658.	3.0	38
43	Overfeeding increases postprandial endotoxemia in men: Inflammatory outcome may depend on LPS transporters LBP and sCD14. Molecular Nutrition and Food Research, 2014, 58, 1513-1518.	3.3	95
44	Combating inflammaging through a Mediterranean whole diet approach: The NU-AGE project's conceptual framework and design. Mechanisms of Ageing and Development, 2014, 136-137, 3-13.	4.6	131
45	Regulation of Energy Metabolism and Mitochondrial Function in Skeletal Muscle During Lipid Overfeeding in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2014, 99, E1254-E1262.	3.6	29
46	Hibernoma: A Clinical Model for Exploring the Role of Brown Adipose Tissue in the Regulation of Body Weight?. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 1-6.	3.6	28
47	Nutrition and protein energy homeostasis in elderly. Mechanisms of Ageing and Development, 2014, 136-137, 76-84.	4.6	67
48	Comparison of oxygen consumption in rats during uphill (concentric) and downhill (eccentric) treadmill exercise tests. Journal of Sports Science and Medicine, 2014, 13, 689-94.	1.6	18
49	Preserved endothelium-dependent dilatation of the coronary microvasculature at the early phase of diabetes mellitus despite the increased oxidative stress and depressed cardiac mechanical function ex vivo. Cardiovascular Diabetology, 2013, 12, 49.	6.8	28
50	Visceral Fat Accumulation During Lipid Overfeeding Is Related to Subcutaneous Adipose Tissue Characteristics in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 802-810.	3.6	84
51	Surgical Weight Loss: Impact on Energy Expenditure. Obesity Surgery, 2013, 23, 255-266.	2.1	47
52	Citrulline enhances myofibrillar constituents expression of skeletal muscle and induces a switch in muscle energy metabolism in malnourished aged rats. Proteomics, 2013, 13, 2191-2201.	2.2	36
53	High-fat diet action on adiposity, inflammation, and insulin sensitivity depends on the control low-fat diet. Nutrition Research, 2013, 33, 952-960.	2.9	40
54	A multivariate model for predicting segmental body composition. British Journal of Nutrition, 2013, 110, 2260-2270.	2.3	11

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55	Deep Brain Stimulation of the Subthalamic Nucleus Regulates Postabsorptive Glucose Metabolism in Patients With Parkinson's Disease. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E1050-E1054.	3.6	20
56	The Effects of Imposed Sedentary Behavior and Exercise on Energy Intake in Adolescents With Obesity. Journal of Developmental and Behavioral Pediatrics, 2013, 34, 616-622.	1.1	23
57	Energy balance in youth: an â€˜inter-dynamicâ€™ concept?. British Journal of Nutrition, 2013, 109, 581-582.	2.3	5
58	Increasing intake of long-chainn-3 PUFA enhances lipoperoxidation and modulates hepatic gene expression in a dose-dependent manner. British Journal of Nutrition, 2012, 107, 1254-1273.	2.3	20
59	Depressed Levels of Prostaglandin F2Î± in Mice Lacking Akr1b7 Increase Basal Adiposity and Predispose to Diet-Induced Obesity. Diabetes, 2012, 61, 2796-2806.	0.6	37
60	Subcutaneous Adipose Tissue Remodeling during the Initial Phase of Weight Gain Induced by Overfeeding in Humans. Journal of Clinical Endocrinology and Metabolism, 2012, 97, E183-E192.	3.6	123
61	Borage and fish oils lifelong supplementation decreases inflammation and improves bone health in a murine model of senile osteoporosis. Bone, 2012, 50, 553-561.	2.9	26
62	Discussion of â€œOverweight and obese boys reduce food intake in response to a glucose drink but fail to increase intake in response to exercise of short durationâ€• Applied Physiology, Nutrition and Metabolism, 2012, 37, 1014-1015.	1.9	14
63	Acute Exercise and Subsequent Nutritional Adaptations. Sports Medicine, 2012, 42, 607-613.	6.5	25
64	The 24-h Energy Intake of Obese Adolescents Is Spontaneously Reduced after Intensive Exercise: A Randomized Controlled Trial in Calorimetric Chambers. PLoS ONE, 2012, 7, e29840.	2.5	77
65	Paclitaxel therapy potentiates cold hyperalgesia in streptozotocin-induced diabetic rats through enhanced mitochondrial reactive oxygen species production and TRPA1 sensitization. Pain, 2012, 153, 553-561.	4.2	84
66	Importance of metabolic changes induced by chemotherapy on prognosis of earlyâ€stage breast cancer patients: a review of potential mechanisms. Obesity Reviews, 2012, 13, 368-380.	6.5	48
67	Intensive exercise: A remedy for childhood obesity?. Physiology and Behavior, 2011, 102, 132-136.	2.1	39
68	Gender effect on exercise-induced energy intake modification among obese adolescents. Appetite, 2011, 56, 658-661.	3.7	22
69	Ruminant and industrial sources of trans-fat and cardiovascular and diabetic diseases. Nutrition Research Reviews, 2011, 24, 111-117.	4.1	52
70	Head Injury: Metabolic, Nutritional, and Energy Considerations. , 2011, , 1585-1599.		1
71	Differential impact of milk fatty acid profiles on cardiovascular risk biomarkers in healthy men and women. European Journal of Clinical Nutrition, 2010, 64, 752-759.	2.9	29
72	Muscle Mitochondrial Oxidative Phosphorylation Activity, But Not Content, Is Altered with Abdominal Obesity in Sedentary Men: Synergism with Changes in Insulin Sensitivity. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 2948-2956.	3.6	30

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73	Overweight after deep brain stimulation of the subthalamic nucleus in Parkinson disease: long term follow-up. Journal of Neurology, Neurosurgery and Psychiatry, 2009, 80, 484-488.	1.9	57
74	Potential Mechanisms of Muscle Mitochondrial Dysfunction in Aging and Obesity and Cellular Consequences. International Journal of Molecular Sciences, 2009, 10, 306-324.	4.1	39
75	Dairy and industrial sources of trans fat do not impair peripheral insulin sensitivity in overweight women. American Journal of Clinical Nutrition, 2009, 90, 88-94.	4.7	40
76	Amino acid supplementation decreases plasma and liver triacylglycerols in elderly. Nutrition, 2009, 25, 281-288.	2.4	44
77	Rapid downâ€regulation of mitochondrial fat metabolism in human muscle after training cessation is dissociated from changes in insulin sensitivity. FEBS Letters, 2009, 583, 2927-2933.	2.8	9
78	Impaired Resting Muscle Energetics Studied by ³¹Pâ€NMR in Dietâ€induced Obese Rats. Obesity, 2008, 16, 572-577.	3.0	3
79	Evidence for Impairment of Hepatic Energy Homeostasis in Head-Injured Rat. Journal of Neurotrauma, 2008, 25, 124-129.	3.4	15
80	Effects of trans MUFA from dairy and industrial sources on muscle mitochondrial function and insulin sensitivity. Journal of Lipid Research, 2008, 49, 1445-1455.	4.2	24
81	Mitochondrial dysfunction results from oxidative stress in the skeletal muscle of diet-induced insulin-resistant mice. Journal of Clinical Investigation, 2008, 118, 789-800.	8.2	657
82	Mechanisms of body weight gain in patients with Parkinson's disease after subthalamic stimulation. Brain, 2007, 130, 1808-1818.	7.6	133
83	Insulin Sensitivity and Mitochondrial Function Are Improved in Children With Burn Injury During a Randomized Controlled Trial of Fenofibrate. Annals of Surgery, 2007, 245, 214-221.	4.2	99
84	Study of iron metabolism disturbances in an animal model of insulin resistance. Diabetes Research and Clinical Practice, 2007, 77, 363-370.	2.8	58
85	3.220 Parkinson's disease patients become overweight after STN DBS. Parkinsonism and Related Disorders, 2007, 13, S167.	2.2	0
86	PPAR-Î± agonism improves whole body and muscle mitochondrial fat oxidation, but does not alter intracellular fat concentrations in burn trauma children in a randomized controlled trial. Nutrition and Metabolism, 2007, 4, 9.	3.0	49
87	Chronological Approach of Diet-induced Alterations in Muscle Mitochondrial Functions in Rats*. Obesity, 2007, 15, 50-59.	3.0	42
88	Enhanced Muscle Mixed and Mitochondrial Protein Synthesis Rates after a Highâ€fat or Highâ€sucrose Diet. Obesity, 2007, 15, 853-859.	3.0	33
89	Diets High in Sugar, Fat, and Energy Induce Muscle Typeâ€“Specific Adaptations in Mitochondrial Functions in Rats. Journal of Nutrition, 2006, 136, 2194-2200.	2.9	55
90	Behavioral and physiological regulation of body fatness: a cross-sectional study in elderly men. International Journal of Obesity, 2006, 30, 322-330.	3.4	9

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91	Lower-limb and whole-body tissue composition assessment in healthy active older women. Annals of Human Biology, 2006, 33, 89-99.	1.0	4
92	Synergistic effects of caloric restriction with maintained protein intake on skeletal muscle performance in 21â€monthâ€old rats: a mitochondriaâ€mediated pathway. FASEB Journal, 2006, 20, 2439-2450.	0.5	64
93	Due to reverse electron transfer, mitochondrial H2O2 release increases with age in human vastus lateralis muscle although oxidative capacity is preserved. Mechanisms of Ageing and Development, 2005, 126, 505-511.	4.6	92
94	Whole Body Protein Breakdown Is Less Inhibited by Insulin, But Still Responsive to Amino Acid, in Nondiabetic Elderly Subjects. Journal of Clinical Endocrinology and Metabolism, 2004, 89, 6017-6024.	3.6	72
95	Increased VLDL-TAG Turnover during and after Acute Moderate-Intensity Exercise. Medicine and Science in Sports and Exercise, 2004, 36, 801-806.	0.4	26
96	Muscle fat oxidative capacity is not impaired by age but by physical inactivity: association with insulin sensitivity. FASEB Journal, 2004, 18, 737-739.	0.5	112
97	Postexercise protein metabolism in older and younger men following moderate-intensity aerobic exercise. American Journal of Physiology - Endocrinology and Metabolism, 2004, 287, E513-E522.	3.5	167
98	Effects of Two Conjugated Linoleic Acid Isomers on Body Fat Mass in Overweight Humans. Obesity, 2004, 12, 591-598.	4.0	124
99	Propranolol Decreases Splanchnic Triacylglycerol Storage in Burn Patients Receiving a High-Carbohydrate Diet. Annals of Surgery, 2002, 236, 218-225.	4.2	66
100	Muscle fatty acid oxidative capacity is a determinant of whole body fat oxidation in elderly people. American Journal of Physiology - Endocrinology and Metabolism, 2001, 280, E143-E149.	3.5	37
101	Reduced whole-body fat oxidation in women and in the elderly. International Journal of Obesity, 2001, 25, 39-44.	3.4	58
102	Fat and protein redistribution with aging: metabolic considerations. European Journal of Clinical Nutrition, 2000, 54, S48-S53.	2.9	227
103	Benefit of endurance training in elderly people over a short period is reversible. European Journal of Applied Physiology, 2000, 81, 329-336.	2.5	18
104	Time-course effects of endurance training on fat oxidation in sedentary elderly people. International Journal of Obesity, 1999, 23, 706-714.	3.4	14
105	Lipolysis, fatness, gender and plasma leptin concentrations in healthy, normal-weight subjects. European Journal of Nutrition, 1999, 38, 14-19.	3.9	10
106	Bioelectrical impedance analysis measurements of total body water and extracellular water in healthy elderly subjects. International Journal of Obesity, 1998, 22, 537-543.	3.4	62
107	Effects of 14 weeks of progressive endurance training on energy expenditure in elderly people. British Journal of Nutrition, 1998, 80, 511-519.	2.3	82
108	Critical evaluation of the factorial and heart-rate recording methods for the determination of energy expenditure of free-living elderly people. British Journal of Nutrition, 1997, 78, 709-722.	2.3	38

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109	Gender differences in energy expended during activities and in daily energy expenditure of elderly people. American Journal of Physiology - Endocrinology and Metabolism, 1997, 273, E321-E327.	3.5	17
110	Effects of endurance training on the cardiovascular system and water compartments in elderly subjects. Journal of Applied Physiology, 1997, 83, 1300-1306.	2.5	35
111	Automatic assessment of muscle/fat temporal variations on MR images of the thigh. , 0, , .		2
112	Evaluation of Mitochondrial Functions and Dysfunctions in Muscle Biopsy Samples. , 0, , .		1