

# Christophe Montaurier

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

759  
citations

567281

15  
h-index

580821

25  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1275  
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessment of energy expenditure associated with physical activities in free-living obese and nonobese adolescents. <i>American Journal of Clinical Nutrition</i> , 2003, 78, 471-479.	4.7	83
2	Effects of 14 weeks of progressive endurance training on energy expenditure in elderly people. <i>British Journal of Nutrition</i> , 1998, 80, 511-519.	2.3	82
3	The 24-h Energy Intake of Obese Adolescents Is Spontaneously Reduced after Intensive Exercise: A Randomized Controlled Trial in Calorimetric Chambers. <i>PLoS ONE</i> , 2012, 7, e29840.	2.5	77
4	A Weight Reduction Program Preserves Fat-Free Mass but Not Metabolic Rate in Obese Adolescents. <i>Obesity</i> , 2004, 12, 233-240.	4.0	69
5	Effects of high-intensity interval training and moderate-intensity continuous training on glycaemic control and skeletal muscle mitochondrial function in db/db mice. <i>Scientific Reports</i> , 2017, 7, 204.	3.3	56
6	Estimating relative physical workload using heart rate monitoring: a validation by whole-body indirect calorimetry. <i>European Journal of Applied Physiology</i> , 2005, 94, 46-53.	2.5	50
7	EPA prevents fat mass expansion and metabolic disturbances in mice fed with a Western diet. <i>Journal of Lipid Research</i> , 2016, 57, 1382-1397.	4.2	45
8	Critical evaluation of the factorial and heart-rate recording methods for the determination of energy expenditure of free-living elderly people. <i>British Journal of Nutrition</i> , 1997, 78, 709-722.	2.3	38
9	Muscle fatty acid oxidative capacity is a determinant of whole body fat oxidation in elderly people. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 280, E143-E149.	3.5	37
10	Perinatal Protein Malnutrition Affects Mitochondrial Function in Adult and Results in a Resistance to High Fat Diet-Induced Obesity. <i>PLoS ONE</i> , 2014, 9, e104896.	2.5	37
11	Contributing factors and variability of energy expenditure in non-obese, obese, and post-obese adolescents. <i>Reproduction, Nutrition, Development</i> , 2005, 45, 129-142.	1.9	29
12	Energy expenditure, spontaneous physical activity and with weight gain in kidney transplant recipients. <i>Clinical Nutrition</i> , 2015, 34, 457-464.	5.0	24
13	Persistent low body weight in humans is associated with higher mitochondrial activity in white adipose tissue. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 605-616.	4.7	21
14	Comparison of total energy expenditure assessed by two devices in controlled and free-living conditions. <i>European Journal of Sport Science</i> , 2015, 15, 391-399.	2.7	19
15	4E-BP1 and 4E-BP2 double knockout mice are protected from aging-associated sarcopenia. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 696-709.	7.3	18
16	Rational and design of an overfeeding protocol in constitutional thinness: Understanding the physiology, metabolism and genetic background of resistance to weight gain. <i>Annales D'Endocrinologie</i> , 2016, 77, 563-569.	1.4	15
17	Resistance to lean mass gain in constitutional thinness in free-living conditions is not overpassed by overfeeding. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2020, 11, 1187-1199.	7.3	14
18	Muscle metabolic alterations induced by genetic ablation of 4E-BP1 and 4E-BP2 in response to diet-induced obesity. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1700128.	3.3	11

#	ARTICLE	IF	CITATIONS
19	Alterations of the endocannabinoid system and circulating and peripheral tissue levels of endocannabinoids in sarcopenic rats. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 662-676.	7.3	9
20	Prolonged Daytime Exercise Repeated Over 4 Days Increases Sleeping Heart Rate and Metabolic Rate. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2003, 28, 616-629.	1.7	8
21	Impact of Eccentric or Concentric Training on Body Composition and Energy Expenditure. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1944-1953.	0.4	5
22	Transgenerational supplementation with eicosapentaenoic acid reduced the metabolic consequences on the whole body and skeletal muscle in mice receiving an obesogenic diet. <i>European Journal of Nutrition</i> , 2021, 60, 3143-3157.	3.9	4
23	Two Functional Calorimetric Chambers in France Complete the Room Indirect Calorimetry Operating and Reporting Standards (RICORS) 1.0 Guide List. <i>Obesity</i> , 2021, 29, 631-631.	3.0	3
24	Energy cost of walking and body composition changes during a 9-month multidisciplinary weight reduction program and 4-month follow-up in adolescents with obesity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, , .	1.9	3
25	Day and night changes in energy expenditure of patients on automated peritoneal dialysis. <i>Clinical Nutrition</i> , 2021, 40, 3454-3461.	5.0	2