# Laurent Mosoni

List of Publications by Year
in descending order



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|---|---|---|---|
| 34 papers | 1,594 citations | 430442 18 h-index | 414034 32 g-index |
| 34 all docs | 34 docs citations | 34 times ranked | 1674 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Leucine supplementation improves muscle protein synthesis in elderly men independently of hyperaminoacidaemia. Journal of Physiology, 2006, 575, 305-315. | 1.3 | 337 |
| 2 | Protein pulse feeding improves protein retention in elderly women. American Journal of Clinical Nutrition, 1999, 69, 1202-1208. | 2.2 | 249 |
| 3 | Skeletal muscle proteolysis in aging. Current Opinion in Clinical Nutrition and Metabolic Care, 2009, 12, 37-41. | 1.3 | 129 |
| 4 | Muscle Wasting and Resistance of Muscle Anabolism: The â€œAnabolic Threshold Conceptâ€•for Adapted Nutritional Strategies during Sarcopenia. Scientific World Journal, The, 2012, 2012, 1-6. | 0.8 | 124 |
| 5 | Postprandial whole-body protein metabolism after a meat meal is influenced by chewing efficiency in elderly subjects. American Journal of Clinical Nutrition, 2007, 85, 1286-1292. | 2.2 | 115 |
| 6 | Antioxidant Supplementation Restores Defective Leucine Stimulation of Protein Synthesis in Skeletal Muscle from Old Rats. Journal of Nutrition, 2008, 138, 2205-2211. | 1.3 | 100 |
| 7 | Presence of low-grade inflammation impaired postprandial stimulation of muscle protein synthesis in old rats. Journal of Nutritional Biochemistry, 2010, 21, 325-331. | 1.9 | 84 |
| 8 | Differential variation of mitochondrial H2O2 release during aging in oxidative and glycolytic muscles in rats. Mechanisms of Ageing and Development, 2004, 125, 367-373. | 2.2 | 57 |
| 9 | Age-related changes in glutathione availability and skeletal muscle carbonyl content in healthy rats. Experimental Gerontology, 2004, 39, 203-210. | 1.2 | 51 |
| 10 | Age-related changes in protein synthesis measured in vivo in rat liver and gastrocnemius muscle. Mechanisms of Ageing and Development, 1993, 68, 209-220. | 2.2 | 43 |
| 11 | Chronic Intake of Sucrose Accelerates Sarcopenia in Older Male Rats through Alterations in Insulin Sensitivity and Muscle Protein Synthesis1â€“3. Journal of Nutrition, 2015, 145, 923-930. | 1.3 | 36 |
| 12 | Antioxidant supplementation had positive effects in old rat muscle, but through better oxidative status in other organs. Nutrition, 2010, 26, 1157-1162. | 1.1 | 28 |
| 13 | Muscle and Liver Protein Synthesis Adapt Efficiently to Food Deprivation and Refeeding in 12-Month-Old Rats. Journal of Nutrition, 1996, 126, 516-522. | 1.3 | 27 |
| 14 | Impaired Skeletal Muscle Branched-Chain Amino Acids Catabolism Contributes to Their Increased Circulating Levels in a Non-Obese Insulin-Resistant Fructose-Fed Rat Model. Nutrients, 2019, 11, 355. | 1.7 | 25 |
| 15 | Time Course of Molecular and Metabolic Events in the Development of Insulin Resistance in Fructose-Fed Rats. Journal of Proteome Research, 2016, 15, 1862-1874. | 1.8 | 20 |
| 16 | A meal with mixed soy/whey proteins is as efficient as a whey meal in counteracting the age-related muscle anabolic resistance only if the protein content and leucine levels are increased. Food and Function, 2018, 9, 6526-6534. | 2.1 | 20 |
| 17 | Important determinants to take into account to optimize protein nutrition in the elderly: solutions to a complex equation. Proceedings of the Nutrition Society, 2021, 80, 207-220. | 0.4 | 20 |
| 18 | Protein feeding pattern, casein feeding, or milk-soluble protein feeding did not change the evolution of body composition during a short-term weight loss program. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E973-E982. | 1.8 | 19 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Similarities and interactions between the ageing process and high chronic intake of added sugars. Nutrition Research Reviews, 2017, 30, 191-207. | 2.1 | 18 |
| 20 | High Whey Protein Intake Delayed the Loss of Lean Body Mass in Healthy Old Rats, whereas Protein Type and Polyphenol/Antioxidant Supplementation Had No Effects. PLoS ONE, 2014, 9, e109098. | 1.1 | 18 |
| 21 | Excessive Energy Intake Does Not Modify Fedâ€state Tissue Protein Synthesis Rates in Adult Rats. Obesity, 2009, 17, 1348-1355. | 1.5 | 16 |
| 22 | Type and timing of protein feeding to optimize anabolism. Current Opinion in Clinical Nutrition and Metabolic Care, 2003, 6, 301-306. | 1.3 | 12 |
| 23 | Assessment of protein modifications in liver of rats under chronic treatment with paracetamol (acetaminophen) using two complementary mass spectrometry-based metabolomic approaches. Journal of Proteomics, 2015, 120, 194-203. | 1.2 | 10 |
| 24 | Commentaries on Viewpoint: Muscle atrophy is not always sarcopenia. Journal of Applied Physiology, 2012, 113, 680-684. | 1.2 | 7 |
| 25 | At same leucine intake, a whey/plant protein blend is not as effective as whey to initiate a transient post prandial muscle anabolic response during a catabolic state in mini pigs. PLoS ONE, 2017, 12, e0186204. | 1.1 | 7 |
| 26 | The Nature of the Ingested Protein Has No Effect on Lean Body Mass During Energy Restriction in Overweight Rats. Obesity, 2011, 19, 1137-1144. | 1.5 | 6 |
| 27 | Effects of nutritional state, aging and high chronic intake of sucrose on brain protein synthesis in rats: modulation of it by rutin and other micronutrients. Food and Function, 2018, 9, 2922-2930. | 2.1 | 5 |
| 28 | Spreading intake of a leucine-rich fast protein in energy-restricted overweight rats does not improve protein mass. Nutrition, 2012, 28, 566-571. | 1.1 | 4 |
| 29 | Effect of high chronic intake of sucrose on liver metabolism in aging rats. Modulation by rutin and micronutrients. Journal of Physiology and Biochemistry, 2018, 74, 569-577. | 1.3 | 3 |
| 30 | Fructose Feeding during the Postabsorptive State Alters Body Composition and Spares Nitrogen in Protein-Energy-Restricted Old Rats. Journal of Nutrition, 2018, 148, 40-48. | 1.3 | 2 |
| 31 | Le mÃ©tabolisme protÃ©ique musculaire, contrÃ1le nutritionnel. Nutrition Clinique Et Metabolisme, 2014, 28, 29-37. | 0.2 | 1 |
| 32 | Post Meal Energy Boluses Do Not Increase the Duration of Muscle Protein Synthesis Stimulation in Two Anabolic Resistant Situations. Nutrients, 2019, 11, 727. | 1.7 | 1 |
| 33 | Muscle Wasting and Resistance of Muscle Anabolism: The â€œAnabolic Threshold Conceptâ€•for Adapted Nutritional Strategies during Sarcopenia. , 2016, , 209-220. | | 0 |
| 34 | Quels sont les dÃ©terminants importants Ã prendre en compte pour optimiser la nutrition protÃ©ique chez les personnes Ã¢gÃ©esÂ: une Ã©quation complexe mais avec des solutions. Cahiers De Nutrition Et De Dietetique, 2021, 56, 333-333. | 0.2 | 0 |