

Didier Remond

List of Publications by Year in descending order

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Version: 2024-02-01

52
papers

2,204
citations

361045

20
h-index

223531

46
g-index

52
all docs

52
docs citations

52
times ranked

3148
citing authors

#	ARTICLE	IF	CITATIONS
1	Whole dairy matrix or single nutrients in assessment of health effects: current evidence and knowledge gaps. <i>American Journal of Clinical Nutrition</i> , 2017, 105, 1033-1045.	2.2	267
2	Cooking Temperature Is a Key Determinant of in Vitro Meat Protein Digestion Rate: Investigation of Underlying Mechanisms. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 2569-2576.	2.4	218
3	Understanding the gastrointestinal tract of the elderly to develop dietary solutions that prevent malnutrition. <i>Oncotarget</i> , 2015, 6, 13858-13898.	0.8	195
4	The heat treatment and the gelation are strong determinants of the kinetics of milk proteins digestion and of the peripheral availability of amino acids. <i>Food Chemistry</i> , 2013, 136, 1203-1212.	4.2	154
5	Nutritional Composition and Bioactive Content of Legumes: Characterization of Pulses Frequently Consumed in France and Effect of the Cooking Method. <i>Nutrients</i> , 2018, 10, 1668.	1.7	144
6	Muscle Wasting and Resistance of Muscle Anabolism: The "Anabolic Threshold Concept" for Adapted Nutritional Strategies during Sarcopenia. <i>Scientific World Journal</i> , The, 2012, 2012, 1-6.	0.8	124
7	Postprandial whole-body protein metabolism after a meat meal is influenced by chewing efficiency in elderly subjects. <i>American Journal of Clinical Nutrition</i> , 2007, 85, 1286-1292.	2.2	115
8	Effects of Meat Cooking, and of Ingested Amount, on Protein Digestion Speed and Entry of Residual Proteins into the Colon: A Study in Minipigs. <i>PLoS ONE</i> , 2013, 8, e61252.	1.1	94
9	Presence of low-grade inflammation impaired postprandial stimulation of muscle protein synthesis in old rats. <i>Journal of Nutritional Biochemistry</i> , 2010, 21, 325-331.	1.9	84
10	The muscle protein synthetic response to food ingestion. <i>Meat Science</i> , 2015, 109, 96-100.	2.7	63
11	Nutritional strategies to counteract muscle atrophy caused by disuse and to improve recovery. <i>Nutrition Research Reviews</i> , 2013, 26, 149-165.	2.1	61
12	Fruits, vegetables and their polyphenols protect dietary lipids from oxidation during gastric digestion. <i>Food and Function</i> , 2014, 5, 2166.	2.1	61
13	Impact of the Dairy Matrix Structure on Milk Protein Digestion Kinetics: Mechanistic Modelling Based on Mini-pig In Vivo Data. <i>Food and Bioprocess Technology</i> , 2014, 7, 1099-1113.	2.6	60
14	Intestinal Inflammation Increases Gastrointestinal Threonine Uptake and Mucin Synthesis in Enterally Fed Minipigs. <i>Journal of Nutrition</i> , 2009, 139, 720-726.	1.3	52
15	The matrix of fruit & vegetables modulates the gastrointestinal bioaccessibility of polyphenols and their impact on dietary protein digestibility. <i>Food Chemistry</i> , 2018, 240, 314-322.	4.2	51
16	Contrarily to whey and high protein diets, dietary free leucine supplementation cannot reverse the lack of recovery of muscle mass after prolonged immobilization during ageing. <i>Journal of Physiology</i> , 2012, 590, 2035-2049.	1.3	50
17	True ileal amino acid digestibility and digestible indispensable amino acid scores (DIAASs) of plant-based protein foods. <i>Food Chemistry</i> , 2021, 338, 128020.	4.2	43
18	Looking at the metabolic consequences of the colchicine-based in vivo autophagic flux assay. <i>Autophagy</i> , 2016, 12, 343-356.	4.3	35

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19	In the elderly, meat protein assimilation from rare meat is lower than that from meat that is well done. <i>American Journal of Clinical Nutrition</i> , 2017, 106, 1257-1266.	2.2	30
20	L'efficacité nette de conversion des aliments par les animaux d'élevage : une nouvelle approche pour évaluer la contribution de l'élevage à l'alimentation humaine. <i>INRA Productions Animales</i> , 2019, 31, 269-288.	0.3	24
21	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. <i>Food and Function</i> , 2018, 9, 6526-6534.	2.1	20
22	Important determinants to take into account to optimize protein nutrition in the elderly: solutions to a complex equation. <i>Proceedings of the Nutrition Society</i> , 2021, 80, 207-220.	0.4	20
23	Effects of the apple matrix on the postprandial bioavailability of flavan-3-ols and nutrigenomic response of apple polyphenols in minipigs challenged with a high fat meal. <i>Food and Function</i> , 2020, 11, 5077-5090.	2.1	19
24	A Dietary Supplementation with Leucine and Antioxidants Is Capable to Accelerate Muscle Mass Recovery after Immobilization in Adult Rats. <i>PLoS ONE</i> , 2013, 8, e81495.	1.1	19
25	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. <i>PLoS ONE</i> , 2014, 9, e109098.	1.1	18
26	Temporal changes in postprandial intragastric pH: Comparing measurement methods, food structure effects, and kinetic modelling. <i>Food Research International</i> , 2020, 128, 108784.	2.9	17
27	A Proof of Concept to Bridge the Gap between Mass Spectrometry Imaging, Protein Identification and Relative Quantitation: MSI-LC-MS/MS-LF. <i>Proteomes</i> , 2016, 4, 32.	1.7	15
28	Metabolic adaptations to HFHS overfeeding: how whole body and tissues postprandial metabolic flexibility adapt in Yucatan mini-pigs. <i>European Journal of Nutrition</i> , 2018, 57, 119-135.	1.8	15
29	Time-course changes in circulating branched-chain amino acid levels and metabolism in obese Yucatan minipig. <i>Nutrition</i> , 2018, 50, 66-73.	1.1	15
30	Arterio-venous metabolomics exploration reveals major changes across liver and intestine in the obese Yucatan minipig. <i>Scientific Reports</i> , 2019, 9, 12527.	1.6	14
31	A Scoping Review: Metabolomics Signatures Associated with Animal and Plant Protein Intake and Their Potential Relation with Cardiometabolic Risk. <i>Advances in Nutrition</i> , 2021, 12, 2112-2131.	2.9	14
32	A mix of dietary fermentable fibers improves lipids handling by the liver of overfed minipigs. <i>Journal of Nutritional Biochemistry</i> , 2019, 65, 72-82.	1.9	11
33	Partitioning of nutrient net fluxes across the portal-drained viscera in sheep fed twice daily: effect of dietary protein degradability. <i>British Journal of Nutrition</i> , 2009, 102, 370-381.	1.2	10
34	Peripheral Blood Mononuclear Cell Metabolism Acutely Adapted to Postprandial Transition and Mainly Reflected Metabolic Adipose Tissue Adaptations to a High-Fat Diet in Minipigs. <i>Nutrients</i> , 2018, 10, 1816.	1.7	10
35	Sulfur Amino Acids and Skeletal Muscle. , 2019, , 335-363.		9
36	Opposite Effects of the Spinach Food Matrix on Lutein Bioaccessibility and Intestinal Uptake Lead to Unchanged Bioavailability Compared to Pure Lutein. <i>Molecular Nutrition and Food Research</i> , 2018, 62, e1800185.	1.5	8

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37	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. <i>PLoS ONE</i> , 2017, 12, e0186204.	1.1	7
38	Postprandial metabolic events in mini-pigs: new insights from a combined approach using plasma metabolomics, tissue gene expression, and enzyme activity. <i>Metabolomics</i> , 2015, 11, 964-979.	1.4	6
39	Food-dependent set-up of the DiDGIÂ® dynamic in vitro system: Correlation with the porcine model for protein digestion of soya-based food. <i>Food Chemistry</i> , 2021, 341, 128276.	4.2	6
40	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. <i>Food and Function</i> , 2018, 9, 2922-2930.	2.1	5
41	Profound Changes in Net Energy and Nitrogen Metabolites Fluxes within the Splanchnic Area during Overfeeding of Yucatan Mini Pigs That Remain Euglycemic. <i>Nutrients</i> , 2019, 11, 434.	1.7	5
42	Food matrix structure (from Biscuit to Custard) has an impact on folate bioavailability in healthy volunteers. <i>European Journal of Nutrition</i> , 2021, 60, 411-423.	1.8	5
43	Dietary supplementation with cysteine prevents adverse metabolic outcomes of repeated cures with paracetamol in old rats. <i>British Journal of Nutrition</i> , 2017, 118, 889-896.	1.2	3
44	Postprandial NMR-Based Metabolic Exchanges Reflect Impaired Phenotypic Flexibility across Splanchnic Organs in the Obese Yucatan Mini-Pig. <i>Nutrients</i> , 2020, 12, 2442.	1.7	3
45	A Mix of Dietary Fibres Changes Interorgan Nutrients Exchanges and Muscle-Adipose Energy Handling in Overfed Mini-Pigs. <i>Nutrients</i> , 2021, 13, 4202.	1.7	2
46	Targeting the gut to prevent and counteract metabolic disorders and pathologies during aging. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 11185-11210.	5.4	2
47	Post Meal Energy Boluses Do Not Increase the Duration of Muscle Protein Synthesis Stimulation in Two Anabolic Resistant Situations. <i>Nutrients</i> , 2019, 11, 727.	1.7	1
48	Effect of apple food matrix on plasma flavan-3-ols distribution and nutrigenomic profile in response to a nutritional challenge in minipigs. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	0.4	0
49	A Scoping Review: Metabolomics Signatures Associated With Animal or Plant Protein Intake and Their Potential Relation to Cardiometabolic Risk. <i>Current Developments in Nutrition</i> , 2021, 5, 509.	0.1	0
50	Study Protocol: A 2-Month Cross-Over Controlled Feeding Trial Investigating the Effect of Animal and Plant Protein Intake on the Metabolome and Cardiometabolic Health. <i>Current Developments in Nutrition</i> , 2021, 5, 1281.	0.1	0
51	Quelle place pour les produits animaux dans lâ€™alimentation de demain ?. <i>INRA Productions Animales</i> , 0, , .	0.3	0
52	Quels sont les dÃ©terminants importants Ã prendre en compte pour optimiser la nutrition protÃ©ique chez les personnes Ã©gÃ©es: une Ã©quation complexe mais avec des solutions. <i>Cahiers De Nutrition Et De Dietetique</i> , 2021, 56, 333-333.	0.2	0