Franck Tourniaire

List of Publications by Year
in descending order

48	2,130	257101 24	253896 43
papers	citations	h-index	g-index

50	50	50	3400
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Two common single nucleotide polymorphisms in the gene encoding Î²â€carotene 15,15â€²â€monoxygenase alter Î²â€carotene metabolism in female volunteers. FASEB Journal, 2009, 23, 1041-1053.	0.2	193
2	Changes in the contents of carotenoids, phenolic compounds and vitamin C during technical processing and lyophilisation of red and yellow tomatoes. Food Chemistry, 2011, 124, 1603-1611.	4.2	131
3	Vitamin <scp>D</scp> reduces the inflammatory response and restores glucose uptake in adipocytes. Molecular Nutrition and Food Research, 2012, 56, 1771-1782.	1.5	121
4	Effect of type of TAG fatty acids on lutein and zeaxanthin bioavailability. British Journal of Nutrition, 2013, 110, 1-10.	1.2	117
5	Vitamin D protects against diet-induced obesity by enhancing fatty acid oxidation. Journal of Nutritional Biochemistry, 2014, 25, 1077-1083.	1.9	110
6	CD36 and SR-BI Are Involved in Cellular Uptake of Provitamin A Carotenoids by Caco-2 and HEK Cells, and Some of Their Genetic Variants Are Associated with Plasma Concentrations of These Micronutrients in Humans. Journal of Nutrition, 2013, 143, 448-456.	1.3	109
7	Chemokine Expression in Inflamed Adipose Tissue Is Mainly Mediated by NF-Î²B. PLoS ONE, 2013, 8, e66515.	1.1	108
8	Lycopene and tomato powder supplementation similarly inhibit high-fat diet induced obesity, inflammatory response, and associated metabolic disorders. Molecular Nutrition and Food Research, 2017, 61, 1601083.	1.5	105
9	Lipophilic Micronutrients and Adipose Tissue Biology. Nutrients, 2012, 4, 1622-1649.	1.7	95
10	Anti-Obesity Effect of Carotenoids: Direct Impact on Adipose Tissue and Adipose Tissue-Driven Indirect Effects. Nutrients, 2019, 11, 1562.	1.7	89
11	Obesity-associated Inflammation Induces microRNA-155 Expression in Adipocytes and Adipose Tissue: Outcome on Adipocyte Function. Journal of Clinical Endocrinology and Metabolism, 2016, 101, 1615-1626.	1.8	88
12	Vitamin D limits inflammation-linked microRNA expression in adipocytes in vitro and in vivo: A new mechanism for the regulation of inflammation by vitamin D. Epigenetics, 2018, 13, 156-162.	1.3	88
13	Differential effect of dietary antioxidant classes (carotenoids, polyphenols, vitamins C and E) on lutein absorption. British Journal of Nutrition, 2007, 97, 440-446.	1.2	79
14	All-trans retinoic acid induces oxidative phosphorylation and mitochondria biogenesis in adipocytes. Journal of Lipid Research, 2015, 56, 1100-1109.	2.0	74
15	Vitamin D Limits Chemokine Expression in Adipocytes and Macrophage Migration In Vitro and in Male Mice. Endocrinology, 2015, 156, 1782-1793.	1.4	64
16	Î²-Carotene conversion products and their effects on adipose tissue. Genes and Nutrition, 2009, 4, 179-187.	1.2	61
17	Vitamin D modulates adipose tissue biology: possible consequences for obesity?. Proceedings of the Nutrition Society, 2016, 75, 38-46.	0.4	60
18	The distribution and relative hydrolysis of tocopheryl acetate in the different matrices coexisting in the lumen of the small intestine during digestion could explain its low bioavailability. Molecular Nutrition and Food Research, 2013, 57, 1237-1245.	1.5	44

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19	All- trans -retinoic acid represses chemokine expression in adipocytes and adipose tissue by inhibiting NF-Î²B signaling. Journal of Nutritional Biochemistry, 2017, 42, 101-107.	1.9	36
20	Structure factor model for understanding the measured backscatter coefficients from concentrated cell pellet biophantoms. Journal of the Acoustical Society of America, 2014, 135, 3620-3631.	0.5	35
21	Diet induced obesity modifies vitamin D metabolism and adipose tissue storage in mice. Journal of Steroid Biochemistry and Molecular Biology, 2019, 185, 39-46.	1.2	29
22	(allâ€Ł)â€•and (5Z)â€Łycopene Display Similar Biological Effects on Adipocytes. Molecular Nutrition and Food Research, 2019, 63, e1800788.	1.5	26
23	Molecular mechanisms of the naringin low uptake by intestinal Caco-2 cells. Molecular Nutrition and Food Research, 2005, 49, 957-962.	1.5	24
24	Citrus flavanones enhance carotenoid uptake by intestinal Caco-2 cells. Food and Function, 2013, 4, 1625.	2.1	24
25	Can Genetic Variability in Î±-Tocopherol Bioavailability Explain the Heterogeneous Response to Î±-Tocopherol Supplements?. Antioxidants and Redox Signaling, 2015, 22, 669-678.	2.5	24
26	Visfatin is involved in TNFÎ±-mediated insulin resistance via an NAD⁺/Sirt1/PTP1B pathway in 3T3-L1 adipocytes. Adipocyte, 2014, 3, 180-189.	1.3	19
27	Gene Expression Pattern in Response to Cholecalciferol Supplementation Highlights Cubilin as a Major Protein of 25(OH)D Uptake in Adipocytes and Male Mice White Adipose Tissue. Endocrinology, 2018, 159, 957-966.	1.4	18
28	Vitamin D, adipose tissue, and obesity. Hormone Molecular Biology and Clinical Investigation, 2013, 15, 123-128.	0.3	17
29	Nelfinavir Induces Necrosis of 3T3F44-2A Adipocytes by Oxidative Stress. Journal of Acquired Immune Deficiency Syndromes (1999), 2004, 37, 1556-1562.	0.9	16
30	MicroRNAs are involved in the hypothalamic leptin sensitivity. Epigenetics, 2018, 13, 1127-1140.	1.3	16
31	A Twoâ€Week Treatment with Plant Extracts Changes Gut Microbiota, Caecum Metabolome, and Markers of Lipid Metabolism in ob/ob Mice. Molecular Nutrition and Food Research, 2019, 63, e1900403.	1.5	16
32	Pathway Enrichment Based on Text Mining and Its Validation on Carotenoid and Vitamin A Metabolism. OMICS A Journal of Integrative Biology, 2009, 13, 367-379.	1.0	14
33	Prenatal maternal vitamin D deficiency sexâ€dependently programs adipose tissue metabolism and energy homeostasis in offspring. FASEB Journal, 2020, 34, 14905-14919.	0.2	13
34	Quantification of trans-resveratrol and its metabolites in human plasma using ultra-high performance liquid chromatography tandem quadrupole-orbitrap mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1104, 119-129.	1.2	12
35	Poplar Propolis Ethanolic Extract Reduces Body Weight Gain and Glucose Metabolism Disruption in Highâ€Fat Dietâ€Fed Mice. Molecular Nutrition and Food Research, 2020, 64, e2000275.	1.5	10
36	Four days high fat diet modulates vitamin D metabolite levels and enzymes in mice. Journal of Endocrinology, 2021, 248, 87-93.	1.2	9

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37	Multivitamin restriction increases adiposity and disrupts glucose homeostasis in mice. Genes and Nutrition, 2014, 9, 410.	1.2	7
38	Bioeffects of a combination of trace elements on adipocyte biology. Metallomics, 2013, 5, 524.	1.0	6
39	Plasma Retinol Concentration Is Mainly Driven by Transthyretin in Hemodialysis Patients. , 2017, 27, 395-401.		6
40	Botanic Origin of Propolis Extract Powder Drives Contrasted Impact on Diabesity in High-Fat-Fed Mice. Antioxidants, 2021, 10, 411.	2.2	5
41	FLAVONOIDS IN FOOD AND WINE. Acta Horticulturae, 2007, , 107-116.	0.1	5
42	Structure Factor Model for understanding the ultrasonic scattering from concentrated cell pellet biophantoms. , 2014, , .		1
43	Obesity and Vitamin D Metabolism Modifications. Journal of Bone and Mineral Research, 2019, 34, 1383-1383.	3.1	1
44	Carotenoids as Anti-obesity Supplements. , 2020, , 541-557.		1
45	On the use of the Structure Factor Model to understand the measured backscatter coefficient from concentrated cell pellet biophantoms. , 2013, , .		0
46	EFFECT OF CITRUS FLAVANONES ON CAROTENOID UPTAKE BY INTESTINAL CACO-2 CELLS. Acta Horticulturae, 2014, , 63-67.	0.1	0
47	Ultrasound imaging using CMUT â€“ Techniques developed in the frame of the ANR BBMUT project. Irbm, 2015, 36, 126-132.	3.7	0
48	Plant Pigment as Bioactive Substances. Chemical and Functional Properties of Food Components Series, 2007, , 127-192.	0.1	0