

# Franck Tourniaire

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,130  
citations

257357

24  
h-index

254106

43  
g-index

50  
all docs

50  
docs citations

50  
times ranked

3400  
citing authors

#	ARTICLE	IF	CITATIONS
1	Botanic Origin of Propolis Extract Powder Drives Contrasted Impact on Diabesity in High-Fat-Fed Mice. <i>Antioxidants</i> , 2021, 10, 411.	2.2	5
2	Four days high fat diet modulates vitamin D metabolite levels and enzymes in mice. <i>Journal of Endocrinology</i> , 2021, 248, 87-93.	1.2	9
3	Prenatal maternal vitamin D deficiency sex-dependently programs adipose tissue metabolism and energy homeostasis in offspring. <i>FASEB Journal</i> , 2020, 34, 14905-14919.	0.2	13
4	Poplar Propolis Ethanolic Extract Reduces Body Weight Gain and Glucose Metabolism Disruption in High-Fat Diet-Fed Mice. <i>Molecular Nutrition and Food Research</i> , 2020, 64, e2000275.	1.5	10
5	Carotenoids as Anti-obesity Supplements. , 2020, , 541-557.		1
6	Diet induced obesity modifies vitamin D metabolism and adipose tissue storage in mice. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , 2019, 185, 39-46.	1.2	29
7	Anti-Obesity Effect of Carotenoids: Direct Impact on Adipose Tissue and Adipose Tissue-Driven Indirect Effects. <i>Nutrients</i> , 2019, 11, 1562.	1.7	89
8	A Two-Week Treatment with Plant Extracts Changes Gut Microbiota, Caecum Metabolome, and Markers of Lipid Metabolism in ob/ob Mice. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1900403.	1.5	16
9	Obesity and Vitamin D Metabolism Modifications. <i>Journal of Bone and Mineral Research</i> , 2019, 34, 1383-1383.	3.1	1
10	Quantification of trans-resveratrol and its metabolites in human plasma using ultra-high performance liquid chromatography tandem quadrupole-orbitrap mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1104, 119-129.	1.2	12
11	(all-trans)- and (5Z)-Lycopene Display Similar Biological Effects on Adipocytes. <i>Molecular Nutrition and Food Research</i> , 2019, 63, e1800788.	1.5	26
12	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. <i>Endocrinology</i> , 2018, 159, 957-966.	1.4	18
13	Vitamin D limits inflammation-linked microRNA expression in adipocytes <i>in vitro</i> and <i>in vivo</i> : A new mechanism for the regulation of inflammation by vitamin D. <i>Epigenetics</i> , 2018, 13, 156-162.	1.3	88
14	MicroRNAs are involved in the hypothalamic leptin sensitivity. <i>Epigenetics</i> , 2018, 13, 1127-1140.	1.3	16
15	All-trans-retinoic acid represses chemokine expression in adipocytes and adipose tissue by inhibiting NF- $\kappa$ B signaling. <i>Journal of Nutritional Biochemistry</i> , 2017, 42, 101-107.	1.9	36
16	Lycopene and tomato powder supplementation similarly inhibit high-fat diet induced obesity, inflammatory response, and associated metabolic disorders. <i>Molecular Nutrition and Food Research</i> , 2017, 61, 1601083.	1.5	105
17	Plasma Retinol Concentration Is Mainly Driven by Transthyretin in Hemodialysis Patients. , 2017, 27, 395-401.		6
18	Vitamin D modulates adipose tissue biology: possible consequences for obesity?. <i>Proceedings of the Nutrition Society</i> , 2016, 75, 38-46.	0.4	60

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19	Obesity-associated Inflammation Induces microRNA-155 Expression in Adipocytes and Adipose Tissue: Outcome on Adipocyte Function. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 1615-1626.	1.8	88
20	All-trans retinoic acid induces oxidative phosphorylation and mitochondria biogenesis in adipocytes. <i>Journal of Lipid Research</i> , 2015, 56, 1100-1109.	2.0	74
21	Ultrasound imaging using CMUT " Techniques developed in the frame of the ANR BBMUT project. <i>Irbm</i> , 2015, 36, 126-132.	3.7	0
22	Vitamin D Limits Chemokine Expression in Adipocytes and Macrophage Migration In Vitro and in Male Mice. <i>Endocrinology</i> , 2015, 156, 1782-1793.	1.4	64
23	Can Genetic Variability in Î±-Tocopherol Bioavailability Explain the Heterogeneous Response to Î±-Tocopherol Supplements?. <i>Antioxidants and Redox Signaling</i> , 2015, 22, 669-678.	2.5	24
24	Structure Factor Model for understanding the ultrasonic scattering from concentrated cell pellet biophantoms. , 2014, , .		1
25	Visfatin is involved in TNFÎ±-mediated insulin resistance via an NAD <sup>+</sup> /Sirt1/PTP1B pathway in 3T3-L1 adipocytes. <i>Adipocyte</i> , 2014, 3, 180-189.	1.3	19
26	Structure factor model for understanding the measured backscatter coefficients from concentrated cell pellet biophantoms. <i>Journal of the Acoustical Society of America</i> , 2014, 135, 3620-3631.	0.5	35
27	Vitamin D protects against diet-induced obesity by enhancing fatty acid oxidation. <i>Journal of Nutritional Biochemistry</i> , 2014, 25, 1077-1083.	1.9	110
28	Multivitamin restriction increases adiposity and disrupts glucose homeostasis in mice. <i>Genes and Nutrition</i> , 2014, 9, 410.	1.2	7
29	EFFECT OF CITRUS FLAVANONES ON CAROTENOID UPTAKE BY INTESTINAL CACO-2 CELLS. <i>Acta Horticulturae</i> , 2014, , 63-67.	0.1	0
30	Bioeffects of a combination of trace elements on adipocyte biology. <i>Metallomics</i> , 2013, 5, 524.	1.0	6
31	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. <i>Molecular Nutrition and Food Research</i> , 2013, 57, 1237-1245.	1.5	44
32	On the use of the Structure Factor Model to understand the measured backscatter coefficient from concentrated cell pellet biophantoms. , 2013, , .		0
33	Citrus flavanones enhance carotenoid uptake by intestinal Caco-2 cells. <i>Food and Function</i> , 2013, 4, 1625.	2.1	24
34	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. <i>Journal of Nutrition</i> , 2013, 143, 448-456.	1.3	109
35	Vitamin D, adipose tissue, and obesity. <i>Hormone Molecular Biology and Clinical Investigation</i> , 2013, 15, 123-128.	0.3	17
36	Effect of type of TAG fatty acids on lutein and zeaxanthin bioavailability. <i>British Journal of Nutrition</i> , 2013, 110, 1-10.	1.2	117

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37	Chemokine Expression in Inflamed Adipose Tissue Is Mainly Mediated by NF- $\kappa$ B. PLoS ONE, 2013, 8, e66515.	1.1	108
38	Vitamin D reduces the inflammatory response and restores glucose uptake in adipocytes. Molecular Nutrition and Food Research, 2012, 56, 1771-1782.	1.5	121
39	Lipophilic Micronutrients and Adipose Tissue Biology. Nutrients, 2012, 4, 1622-1649.	1.7	95
40	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
41	Two common single nucleotide polymorphisms in the gene encoding $\beta$ -carotene 15,15- $\alpha$ -monooxygenase alter $\beta$ -carotene metabolism in female volunteers. FASEB Journal, 2009, 23, 1041-1053.	0.2	193
42	$\beta$ -Carotene conversion products and their effects on adipose tissue. Genes and Nutrition, 2009, 4, 179-187.	1.2	61
43	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
44	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
45	FLAVONOIDS IN FOOD AND WINE. Acta Horticulturae, 2007, , 107-116.	0.1	5
46	Plant Pigment as Bioactive Substances. Chemical and Functional Properties of Food Components Series, 2007, , 127-192.	0.1	0
47	Molecular mechanisms of the naringin low uptake by intestinal Caco-2 cells. Molecular Nutrition and Food Research, 2005, 49, 957-962.	1.5	24
48	Nelfinavir Induces Necrosis of 3T3F44-2A Adipocytes by Oxidative Stress. Journal of Acquired Immune Deficiency Syndromes (1999), 2004, 37, 1556-1562.	0.9	16