Aziz Hichami

List of Publications by Year
in descending order

83	3,393	145106 33	169272 56
papers	citations	h-index	g-index

86	86	86	5307
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Spirulina reduces diet-induced obesity through downregulation of lipogenic genes expression in Psammomys obesus. Archives of Physiology and Biochemistry, 2022, 128, 1001-1009.	1.0	4
2	Tongue Leptin Decreases Oro-Sensory Perception of Dietary Fatty Acids. Nutrients, 2022, 14, 197.	1.7	5
3	Zizyphus lotus L. fruit attenuates obesity-associated alterations: in vivo mechanisms. Archives of Physiology and Biochemistry, 2021, 127, 119-126.	1.0	5
4	DHA induces Jurkat T-cell arrest in G2/M phase of cell cycle and modulates the plasma membrane expression of TRPC3/6 channels. Biochimie, 2021, 181, 169-175.	1.3	4
5	Implication of TRPC3 channel in gustatory perception of dietary lipids. Acta Physiologica, 2021, 231, e13554.	1.8	12
6	Cellular and Molecular Mechanisms of Fat Taste Perception. Handbook of Experimental Pharmacology, 2021, , 247-270.	0.9	11
7	Antioxidant and Anti-Inflammatory Potential of Polyphenols Contained in Mediterranean Diet in Obesity: Molecular Mechanisms. Molecules, 2021, 26, 985.	1.7	132
8	Novel GPR120 agonist TUG891 modulates fat taste perception and preference and activates tongue-brain-gut axis in mice. Journal of Lipid Research, 2020, 61, 133-142.	2.0	20
9	Bile acid receptor TGR5 is critically involved in preference for dietary lipids and obesity. Journal of Nutritional Biochemistry, 2020, 76, 108298.	1.9	15
10	Obesity and COVID-19: Oro-Naso-Sensory Perception. Journal of Clinical Medicine, 2020, 9, 2158.	1.0	16
11	CD36 and GPR120 Methylation Associates with Orosensory Detection Thresholds for Fat and Bitter in Algerian Young Obese Children. Journal of Clinical Medicine, 2020, 9, 1956.	1.0	10
12	Nutritional properties and plausible benefits of Pearl millet (Pennisetum glaucum) on bone metabolism and osteoimmunology : a mini-review. Najfnr, 2020, 4, 336-342.	0.1	0
13	Nutritional properties and plausible benefits of Pearl millet (Pennisetum glaucum) on bone metabolism and osteoimmunology : a mini-review. Najfnr, 2020, 4, 336-342.	0.1	0
14	A cross-talk between fat and bitter taste modalities. Biochimie, 2019, 159, 3-8.	1.3	19
15	Docosahexaenoic acid inhibits both NLRP3 inflammasome assembly and JNK-mediated mature IL-1Î² secretion in 5-fluorouracil-treated MDSC: implication in cancer treatment. Cell Death and Disease, 2019, 10, 485.	2.7	34
16	Polyphenols from Pennisetum glaucum grains induce MAP kinase phosphorylation and cell cycle arrest in human osteosarcoma cells. Journal of Functional Foods, 2019, 54, 422-432.	1.6	12
17	Fatty acid composition, enzyme activities and metallothioneins in Donax trunculus (Mollusca,) Tj ETQq1 1 0.784314 rgBT /Overlock 1 transplantation. Environmental Pollution, 2018, 237, 900-907.	3.7	12
18	Effect of cadmium exposure on essential omega-3 fatty acids in the edible bivalve Donax trunculus. Environmental Science and Pollution Research, 2018, 25, 18242-18250.	2.7	12

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19	Th1/Th2 Dichotomy in Obese Women with Gestational Diabetes and Their Macrosomic Babies. Journal of Diabetes Research, 2018, 2018, 1-7.	1.0	10
20	Orosensory Detection of Dietary Fatty Acids Is Altered in CB1Râ˜'/â˜' Mice. Nutrients, 2018, 10, 1347.	1.7	14
21	Antiinflammatory and antioxidant activities of a polyphenolâ€rich extract from Zizyphus lotus L fruit pulp play a protective role against obesity. Journal of Food Biochemistry, 2018, 42, e12689.	1.2	7
22	Taste perception and its effects on oral nutritional supplements in younger life phases. Current Opinion in Clinical Nutrition and Metabolic Care, 2018, 21, 411-415.	1.3	4
23	Oleanolic acid improves diet-induced obesity by modulating fat preference and inflammation in mice. Biochimie, 2018, 152, 110-120.	1.3	35
24	Zizyphin modulates calcium signalling in human taste bud cells and fat taste perception in the mouse. Fundamental and Clinical Pharmacology, 2017, 31, 486-494.	1.0	7
25	Carob leaf polyphenols trigger intrinsic apoptotic pathway and induce cell cycle arrest in colon cancer cells. Journal of Functional Foods, 2017, 33, 112-121.	1.6	36
26	Protective effects of polyphenol-rich infusions from carob (Ceratonia siliqua) leaves and cladodes of Opuntia ficus-indica against inflammation associated with diet-induced obesity and DSS-induced colitis in Swiss mice. Biomedicine and Pharmacotherapy, 2017, 96, 1022-1035.	2.5	33
27	Phenolic extract from oleaster (Olea europaea var. Sylvestris) leaves reduces colon cancer growth and induces caspase-dependent apoptosis in colon cancer cells via the mitochondrial apoptotic pathway. PLoS ONE, 2017, 12, e0170823.	1.1	28
28	Nutrition: From Bench to Bedside. Journal of Nutrition and Metabolism, 2016, 2016, 1-2.	0.7	1
29	Peroxisome proliferator-activated receptor alpha deficiency impairs regulatory T cell functions: Possible application in the inhibition of melanoma tumor growth in mice. Biochimie, 2016, 131, 1-10.	1.3	18
30	Grape seed and skin extract reduces pancreas lipotoxicity, oxidative stress and inflammation in high fat diet fed rats. Biomedicine and Pharmacotherapy, 2016, 84, 2020-2028.	2.5	20
31	Effects of polyphenols and lipids from Pennisetum glaucum grains on T-cell activation: modulation of Ca2+ and ERK1/ERK2 signaling. BMC Complementary and Alternative Medicine, 2015, 15, 426.	3.7	27
32	Eicosapentaenoic acid modulates fatty acid metabolism and inflammation in Psammomys obesus. Biochimie, 2015, 109, 60-66.	1.3	3
33	Trans-10, cis-12 conjugated linoleic acid induced cell death in human colon cancer cells through reactive oxygen species-mediated ER stress. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2013, 1831, 759-768.	1.2	51
34	Anti-hyperglycemic effects of three medicinal plants in diabetic pregnancy: modulation of T cell proliferation. BMC Complementary and Alternative Medicine, 2013, 13, 77.	3.7	27
35	Effects of Zizyphus lotus L. (Desf.) polyphenols on Jurkat cell signaling and proliferation. International Immunopharmacology, 2013, 15, 364-371.	1.7	21
36	SOCS3 Transactivation by PPARÎ³ Prevents IL-17â€"Driven Cancer Growth. Cancer Research, 2013, 73, 3578-3590.	0.4	51

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37	Immunomodulation and Anti-inflammatory Roles of Polyphenols as Anticancer Agents. Anti-Cancer Agents in Medicinal Chemistry, 2012, 12, 852-873.	0.9	76
38	STIM1 regulates calcium signaling in taste bud cells and preference for fat in mice. Journal of Clinical Investigation, 2012, 122, 2267-2282.	3.9	67
39	Stat3 and Gfi-1 Transcription Factors Control Th17 Cell Immunosuppressive Activity via the Regulation of Ectonucleotidase Expression. Immunity, 2012, 36, 362-373.	6.6	275
40	Diacylglycerol-containing oleic acid induces increases in [Ca2+]i via TRPC3/6 channels in human T-cells. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2012, 1821, 618-626.	1.2	29
41	Endocytosis of Resveratrol via Lipid Rafts and Activation of Downstream Signaling Pathways in Cancer Cells. Cancer Prevention Research, 2011, 4, 1095-1106.	0.7	86
42	Growth factor concentrations and their placental mRNA expression are modulated in gestational diabetes mellitus: possible interactions with macrosomia. BMC Pregnancy and Childbirth, 2010, 10, 7.	0.9	57
43	Zizyphus lotus L. (Desf.) modulates antioxidant activity and human T-cell proliferation. BMC Complementary and Alternative Medicine, 2010, 10, 54.	3.7	55
44	Docosahexaenoic acid reduces suppressive and migratory functions of CD4CD25 regulatory T-cells. Journal of Lipid Research, 2009, 50, 2377-2388.	2.0	79
45	Peroxisome proliferator-activated receptor-Î± modulates insulin gene transcription factors and inflammation in adipose tissues in mice. Molecular and Cellular Biochemistry, 2009, 323, 101-111.	1.4	35
46	Docosahexaenoic acid modulates the expression of T-bet and GATA-3 transcription factors, independently of PPARÎ±, through suppression of MAP kinase activation. Biochimie, 2009, 91, 1359-1365.	1.3	13
47	Nâ€3 Polyunsaturated Fatty Acids Modulate Inâ€Vitro T Cell Function in Type I Diabetic Patients. Lipids, 2008, 43, 485-497.	0.7	20
48	The gustatory pathway is involved in CD36â€mediated orosensory perception of longâ€chain fatty acids in the mouse. FASEB Journal, 2008, 22, 1458-1468.	0.2	199
49	Linoleic Acid Induces Calcium Signaling, Src Kinase Phosphorylation, and Neurotransmitter Release in Mouse CD36-positive Gustatory Cells. Journal of Biological Chemistry, 2008, 283, 12949-12959.	1.6	161
50	Docosahexaenoic Acid Induces Increases in [Ca²⁺]_i via Inositol 1,4,5-Triphosphate Production and Activates Protein Kinase CÎ³ and -Î´ via Phosphatidylserine Binding Site: Implication in Apoptosis in U937 Cells. Molecular Pharmacology, 2007, 72, 1545-1556.	1.0	47
51	Olfactory discrimination ability and brain expression of c-fos, Gir and Glut1 mRNA are altered in nâˆ’3 fatty acid-depleted rats. Behavioural Brain Research, 2007, 184, 1-10.	1.2	46
52	Activation of TRPC6 calcium channels by diacylglycerol (DAG)-containing arachidonic acid: A comparative study with DAG-containing docosahexaenoic acid. Biochimie, 2007, 89, 926-937.	1.3	38
53	Antioxidant status and circulating lipids are altered in human gestational diabetes and macrosomia. Translational Research, 2007, 150, 164-171.	2.2	85
54	Modulation of Adipokines and Cytokines in Gestational Diabetes and Macrosomia. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 4137-4143.	1.8	327

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55	N-3 Fatty acids modulate antioxidant status in diabetic rats and their macrosomic offspring. International Journal of Obesity, 2006, 30, 739-750.	1.6	57
56	N-3 fatty acids modulate Th1 and Th2 dichotomy in diabetic pregnancy and macrosomia. Journal of Autoimmunity, 2006, 26, 268-277.	3.0	44
57	Cassava-enriched diet is not diabetogenic rather it aggravates diabetes in rats. Fundamental and Clinical Pharmacology, 2006, 20, 579-586.	1.0	12
58	On Cell Signalling Mechanism of Mycobaterium Leprae Soluble Antigen (MLSA) in Jurkat T Cells. Molecular and Cellular Biochemistry, 2006, 287, 157-164.	1.4	7
59	Peroxisome Proliferator-Activated Receptor Î± Deficiency Increases the Risk of Maternal Abortion and Neonatal Mortality in Murine Pregnancy with or without Diabetes Mellitus: Modulation of T Cell Differentiation. Endocrinology, 2006, 147, 4410-4418.	1.4	60
60	Modulation of lipid metabolism by nâˆ'3 polyunsaturated fatty acids in gestational diabetic rats and their macrosomic offspring. Clinical Science, 2005, 109, 287-295.	1.8	54
61	Diacylglycerol-Containing Docosahexaenoic Acid in Acyl Chain Modulates Airway Smooth Muscle Tone. American Journal of Respiratory Cell and Molecular Biology, 2005, 33, 378-386.	1.4	14
62	n-3 PUFAs modulate T-cell activation via protein kinase C-Î± and -Îµ and the NF-ÎºB signaling pathway. Journal of Lipid Research, 2005, 46, 752-758.	2.0	102
63	Diacylglycerols Containing Omega 3 and Omega 6 Fatty Acids Bind to RasGRP and Modulate MAP Kinase Activation. Journal of Biological Chemistry, 2004, 279, 1176-1183.	1.6	41
64	nâ€ƒ Fatty Acids Modulate Tâ€Cell Calcium Signaling in Obese Macrosomic Rats. Obesity, 2004, 12, 1744-1753.	4.0	31
65	Modulation of intracellular calcium concentrations and T cell activation by prickly par polyphenols. Molecular and Cellular Biochemistry, 2004, 260, 103-110.	1.4	35
66	Thapsigargin-stimulated MAP kinase phosphorylation via CRAC channels and PLD activation: inhibitory action of docosahexaenoic acid. FEBS Letters, 2004, 564, 177-182.	1.3	39
67	Diacylglycerols containing omega 3 and omega 6 fatty acids bind to RasGRP and modulate MAP kinase activation. Vol. 279 (2004) 1176-1183. Journal of Biological Chemistry, 2004, 279, 23846.	1.6	2
68	Docosahexaenoic acid and other fatty acids induce a decrease in pHi in Jurkat T-cells. British Journal of Pharmacology, 2003, 140, 1217-1226.	2.7	17
69	Implication of three isoforms of PLA2in human T-cell proliferation. FEBS Letters, 2002, 520, 111-116.	1.3	23
70	Impaired lipoprotein metabolism in obese offspring of streptozotocin-induced diabetic rats. Lipids, 2002, 37, 773-781.	0.7	15
71	Role of three isoforms of phospholipase A2 in capacitative calcium influx in human T-cells. FEBS Journal, 2002, 269, 5557-5563.	0.2	12
72	Ageâ€Related Changes in Fatty Acids in Obese Offspring of Streptozotocinâ€Induced Diabetic Rats. Obesity, 2002, 10, 703-714.	4.0	23

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73	Eicosapentaenoic acid and docosahexaenoic acid modulate MAP kinase enzyme activity in human T-cells. Molecular and Cellular Biochemistry, 2002, 232, 143-148.	1.4	43
74	Dietary (n-3) Polyunsaturated Fatty Acids Exert Antihypertensive Effects by Modulating Calcium Signaling in T Cells of Rats. Journal of Nutrition, 2001, 131, 2364-2369.	1.3	41
75	Docosahexaenoic acid modulates phorbol ester-induced activation of extracellular signal-regulated kinases 1 and 2 in NIH/3T3 cells. Lipids, 2001, 36, 813-818.	0.7	30
76	Implication of acyl chain of diacylglycerols in activation of different isoforms of protein kinase C. FASEB Journal, 2001, 15, 2595-2601.	0.2	100
77	Eicosapentaenoic acid and docosahexaenoic acid modulate MAP kinase (ERK1/ERK2) signaling in human T cells. Journal of Lipid Research, 2001, 42, 2015-2020.	2.0	72
78	Modulation of PAF production by incorporation of arachidonic acid and eicosapentaenoic acid in phospholipids of human leukemic monocyte-like cells THP-1. Prostaglandins and Other Lipid Mediators, 2000, 60, 127-135.	1.0	9
79	Ionotrophic 5-hydroxytryptamine type 3 receptor activates the protein kinase C-dependent phospholipase D pathway in human T-cells. Biochemical Journal, 1999, 344, 199-204.	1.7	36
80	Ionotrophic 5-hydroxytryptamine type 3 receptor activates the protein kinase C-dependent phospholipase D pathway in human T-cells. Biochemical Journal, 1999, 344, 199.	1.7	12
81	Incorporation of 12(S) -hydroxyeicosatetraenoic acid into phospholipids and active diacylglycerols in rat liver epithelial cells: effects on DNA synthesis. Journal of Lipid Mediators and Cell Signalling, 1996, 13, 233-248.	1.0	9
82	Stimulation of Rb+ influx by bradykinin through Na+/K+/Clâ^' cotransport and Na+/K+-atpase in NIH-3T3 fibroblasts. Life Sciences, 1996, 59, 1829-1837.	2.0	2
83	Involvement of cyclic AMP in the effects of phosphodiesterase IV inhibitors on arachidonate release from mononuclear cells. European Journal of Pharmacology, 1995, 291, 91-97.	2.7	29