

Naim A Khan

List of Publications by Year in descending order

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Version: 2024-02-01

98
papers

3,485
citations

136950

32
h-index

155660

55
g-index

101
all docs

101
docs citations

101
times ranked

3874
citing authors

#	ARTICLE	IF	CITATIONS
1	Circulating mir-21 and mir-146a are associated with increased cytokines and CD36 in Algerian obese male participants. <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 1461-1466.	2.1	3
2	Spirulina reduces diet-induced obesity through downregulation of lipogenic genes expression in <i>Psammomys obesus</i> . <i>Archives of Physiology and Biochemistry</i> , 2022, 128, 1001-1009.	2.1	4
3	Taste of Fat and Obesity: Different Hypotheses and Our Point of View. <i>Nutrients</i> , 2022, 14, 555.	4.1	17
4	Editorial: Free Fatty Acids as Signaling Molecules: Role of Free Fatty Acid Receptors and CD36. <i>Frontiers in Physiology</i> , 2022, 13, 862458.	2.8	1
5	Tongue Leptin Decreases Oro-Sensory Perception of Dietary Fatty Acids. <i>Nutrients</i> , 2022, 14, 197.	4.1	5
6	Is fat taste associated with diet quality? A cross-sectional study conducted among Tunisian adults. <i>Appetite</i> , 2022, 176, 106138.	3.7	4
7	<i>Zizyphus lotus</i> L. fruit attenuates obesity-associated alterations: <i>in vivo</i> mechanisms. <i>Archives of Physiology and Biochemistry</i> , 2021, 127, 119-126.	2.1	5
8	DHA induces Jurkat T-cell arrest in G2/M phase of cell cycle and modulates the plasma membrane expression of TRPC3/6 channels. <i>Biochimie</i> , 2021, 181, 169-175.	2.6	4
9	Implication of TRPC3 channel in gustatory perception of dietary lipids. <i>Acta Physiologica</i> , 2021, 231, e13554.	3.8	12
10	Cellular and Molecular Mechanisms of Fat Taste Perception. <i>Handbook of Experimental Pharmacology</i> , 2021, , 247-270.	1.8	11
11	Antioxidant and Anti-Inflammatory Potential of Polyphenols Contained in Mediterranean Diet in Obesity: Molecular Mechanisms. <i>Molecules</i> , 2021, 26, 985.	3.8	132
12	Management of Childhood Obesity—Time to Shift from Generalized to Personalized Intervention Strategies. <i>Nutrients</i> , 2021, 13, 1200.	4.1	21
13	New ferrocene-integrated multifunctional guanidine surfactants: synthesis, spectroscopic elucidation, DNA interaction studies, and DFT calculations. <i>New Journal of Chemistry</i> , 2021, 46, 185-198.	2.8	3
14	Novel GPR120 agonist TUG891 modulates fat taste perception and preference and activates tongue-brain-gut axis in mice. <i>Journal of Lipid Research</i> , 2020, 61, 133-142.	4.2	20
15	Bile acid receptor TGR5 is critically involved in preference for dietary lipids and obesity. <i>Journal of Nutritional Biochemistry</i> , 2020, 76, 108298.	4.2	15
16	Obesity and COVID-19: Oro-Naso-Sensory Perception. <i>Journal of Clinical Medicine</i> , 2020, 9, 2158.	2.4	16
17	Anakinra for severe forms of COVID-19. <i>Lancet Rheumatology</i> , The, 2020, 2, e586-e587.	3.9	16
18	Single-nucleotide polymorphism rs1761667 in the <i>CD36</i> gene is associated with orosensory perception of a fatty acid in obese and normal-weight Moroccan subjects. <i>Journal of Nutritional Science</i> , 2020, 9, e24.	1.9	12

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19	CD36 and GPR120 Methylation Associates with Orosensory Detection Thresholds for Fat and Bitter in Algerian Young Obese Children. <i>Journal of Clinical Medicine</i> , 2020, 9, 1956.	2.4	10
20	Preference for dietary fat: From detection to disease. <i>Progress in Lipid Research</i> , 2020, 78, 101032.	11.6	31
21	Nutritional properties and plausible benefits of Pearl millet (<i>Pennisetum glaucum</i>) on bone metabolism and osteoimmunology : a mini-review. <i>Najfnr</i> , 2020, 4, 336-342.	0.3	0
22	Nutritional properties and plausible benefits of Pearl millet (<i>Pennisetum glaucum</i>) on bone metabolism and osteoimmunology : a mini-review. <i>Najfnr</i> , 2020, 4, 336-342.	0.3	0
23	A cross-talk between fat and bitter taste modalities. <i>Biochimie</i> , 2019, 159, 3-8.	2.6	19
24	Fat Addiction: Psychological and Physiological Trajectory. <i>Nutrients</i> , 2019, 11, 2785.	4.1	34
25	The rs1527483, but not rs3212018, <i>CD36</i> polymorphism associates with linoleic acid detection and obesity in Czech young adults. <i>British Journal of Nutrition</i> , 2018, 119, 472-478.	2.3	25
26	Fatty acid composition, enzyme activities and metallothioneins in <i>Donax trunculus</i> (Mollusca,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 462 transplanted. <i>Environmental Pollution</i> , 2018, 237, 900-907.	7.5	12
27	Effect of cadmium exposure on essential omega-3 fatty acids in the edible bivalve <i>Donax trunculus</i> . <i>Environmental Science and Pollution Research</i> , 2018, 25, 18242-18250.	5.3	12
28	<i>CD36</i> gene is associated with intraocular pressure elevation after intravitreal application of anti-VEGF agents in patients with age-related macular degeneration: Implications for the safety of the therapy. <i>Ophthalmic Genetics</i> , 2018, 39, 4-10.	1.2	10
29	Orosensory detection of bitter in fat-taster healthy and obese participants: Genetic polymorphism of <i>CD36</i> and <i>TAS2R38</i> . <i>Clinical Nutrition</i> , 2018, 37, 313-320.	5.0	37
30	Th1/Th2 Dichotomy in Obese Women with Gestational Diabetes and Their Macrosomic Babies. <i>Journal of Diabetes Research</i> , 2018, 2018, 1-7.	2.3	10
31	Orosensory Detection of Dietary Fatty Acids Is Altered in <i>CB1R</i> ^{-/-} Mice. <i>Nutrients</i> , 2018, 10, 1347.	4.1	14
32	Antiinflammatory and antioxidant activities of a polyphenol-rich extract from <i>Zizyphus lotus</i> L fruit pulp play a protective role against obesity. <i>Journal of Food Biochemistry</i> , 2018, 42, e12689.	2.9	7
33	Taste perception and its effects on oral nutritional supplements in younger life phases. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2018, 21, 411-415.	2.5	4
34	Fatty Acid Lingual Application Activates Gustatory and Reward Brain Circuits in the Mouse. <i>Nutrients</i> , 2018, 10, 1246.	4.1	15
35	Oleanolic acid improves diet-induced obesity by modulating fat preference and inflammation in mice. <i>Biochimie</i> , 2018, 152, 110-120.	2.6	35
36	Biochemical characterization and antioxidant activity of grape (<i>Vitis vinifera</i> L.) seed oils from nine Tunisian varieties. <i>Journal of Food Biochemistry</i> , 2018, 42, e12595.	2.9	11

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37	CD36 gene polymorphism is associated with Alzheimer's disease. <i>Biochimie</i> , 2017, 135, 46-53.	2.6	29
38	Zizyphin modulates calcium signalling in human taste bud cells and fat taste perception in the mouse. <i>Fundamental and Clinical Pharmacology</i> , 2017, 31, 486-494.	1.9	7
39	Carob leaf polyphenols trigger intrinsic apoptotic pathway and induce cell cycle arrest in colon cancer cells. <i>Journal of Functional Foods</i> , 2017, 33, 112-121.	3.4	36
40	ERK1 and ERK2 activation modulates diet-induced obesity in mice. <i>Biochimie</i> , 2017, 137, 78-87.	2.6	40
41	Enteroendocrine L Cells Sense LPS after Gut Barrier Injury to Enhance GLP-1 Secretion. <i>Cell Reports</i> , 2017, 21, 1160-1168.	6.4	139
42	Protective effects of polyphenol-rich infusions from carob (<i>Ceratonia siliqua</i>) leaves and cladodes of <i>Opuntia ficus-indica</i> against inflammation associated with diet-induced obesity and DSS-induced colitis in Swiss mice. <i>Biomedicine and Pharmacotherapy</i> , 2017, 96, 1022-1035.	5.6	33
43	Alteration in Taste Perception in Cancer: Causes and Strategies of Treatment. <i>Frontiers in Physiology</i> , 2017, 8, 134.	2.8	66
44	The desert gerbil <i>Psammomys obesus</i> as a model for metformin-sensitive nutritional type 2 diabetes to protect hepatocellular metabolic damage: Impact of mitochondrial redox state. <i>PLoS ONE</i> , 2017, 12, e0172053.	2.5	14
45	Phenolic extract from oleaster (<i>Olea europaea</i> var. <i>Sylvestris</i>) leaves reduces colon cancer growth and induces caspase-dependent apoptosis in colon cancer cells via the mitochondrial apoptotic pathway. <i>PLoS ONE</i> , 2017, 12, e0170823.	2.5	28
46	Nutrition: From Bench to Bedside. <i>Journal of Nutrition and Metabolism</i> , 2016, 2016, 1-2.	1.8	1
47	ERK1/2 activation in human taste bud cells regulates fatty acid signaling and gustatory perception of fat in mice and humans. <i>FASEB Journal</i> , 2016, 30, 3489-3500.	0.5	30
48	Peroxisome proliferator-activated receptor alpha deficiency impairs regulatory T cell functions: Possible application in the inhibition of melanoma tumor growth in mice. <i>Biochimie</i> , 2016, 131, 1-10.	2.6	18
49	Grape seed and skin extract reduces pancreas lipotoxicity, oxidative stress and inflammation in high fat diet fed rats. <i>Biomedicine and Pharmacotherapy</i> , 2016, 84, 2020-2028.	5.6	20
50	Taste of Fat: A Sixth Taste Modality?. <i>Physiological Reviews</i> , 2016, 96, 151-176.	28.8	191
51	Arachidonate 5-lipoxygenase (ALOX5) gene polymorphism is associated with Alzheimer's disease and body mass index. <i>Journal of the Neurological Sciences</i> , 2016, 362, 27-32.	0.6	24
52	Plasma phospholipid transfer protein (PLTP) modulates adaptive immune functions through alternation of T helper cell polarization. <i>Cellular and Molecular Immunology</i> , 2016, 13, 795-804.	10.5	15
53	<i>Mycobacterium tuberculosis</i> secretory proteins downregulate T cell activation by interfering with proximal and downstream T cell signalling events. <i>BMC Immunology</i> , 2015, 16, 67.	2.2	8
54	Effects of polyphenols and lipids from <i>Pennisetum glaucum</i> grains on T-cell activation: modulation of Ca ²⁺ and ERK1/ERK2 signaling. <i>BMC Complementary and Alternative Medicine</i> , 2015, 15, 426.	3.7	27

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55	Oral Fat Sensing and CD36 Gene Polymorphism in Algerian Lean and Obese Teenagers. <i>Nutrients</i> , 2015, 7, 9096-9104.	4.1	55
56	Eicosapentaenoic acid modulates fatty acid metabolism and inflammation in <i>Psammomys obesus</i> . <i>Biochimie</i> , 2015, 109, 60-66.	2.6	3
57	The A allele of cluster of differentiation 36 (<i>CD36</i>) SNP 1761667 associates with decreased lipid taste perception in obese Tunisian women. <i>British Journal of Nutrition</i> , 2015, 113, 1330-1337.	2.3	66
58	Implication of corticotropic hormone axis in eating behaviour pattern in obese and type 2 diabetic participants. <i>British Journal of Nutrition</i> , 2015, 113, 1237-1243.	2.3	7
59	Ca ²⁺ signaling in taste bud cells and spontaneous preference for fat: Unresolved roles of CD36 and GPR120. <i>Biochimie</i> , 2014, 96, 8-13.	2.6	50
60	CD36- and GPR120-Mediated Ca ²⁺ Signaling in Human Taste Bud Cells Mediates Differential Responses to Fatty Acids and Is Altered in Obese Mice. <i>Gastroenterology</i> , 2014, 146, 995-1005.e5.	1.3	166
61	Cell signaling mechanisms of oro-gustatory detection of dietary fat: Advances and challenges. <i>Progress in Lipid Research</i> , 2014, 53, 82-92.	11.6	81
62	Effects of <i>Zizyphus lotus</i> L. (Desf.) polyphenols on Jurkat cell signaling and proliferation. <i>International Immunopharmacology</i> , 2013, 15, 364-371.	3.8	21
63	Obesity alters the gustatory perception of lipids in the mouse: plausible involvement of lingual CD36. <i>Journal of Lipid Research</i> , 2013, 54, 2485-2494.	4.2	66
64	Oro-Gustatory Perception of Dietary Lipids and Calcium Signaling in Taste Bud Cells Are Altered in Nutritionally Obesity-Prone <i>Psammomys obesus</i> . <i>PLoS ONE</i> , 2013, 8, e68532.	2.5	11
65	STIM1 regulates calcium signaling in taste bud cells and preference for fat in mice. <i>Journal of Clinical Investigation</i> , 2012, 122, 2267-2282.	8.2	67
66	Diacylglycerol-containing oleic acid induces increases in [Ca ²⁺] _i via TRPC3/6 channels in human T-cells. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2012, 1821, 618-626.	2.4	29
67	<i>Zizyphus lotus</i> L. (Desf.) modulates antioxidant activity and human T-cell proliferation. <i>BMC Complementary and Alternative Medicine</i> , 2010, 10, 54.	3.7	55
68	Polyunsaturated fatty acids in the modulation of T-cell signalling. <i>Prostaglandins Leukotrienes and Essential Fatty Acids</i> , 2010, 82, 179-187.	2.2	30
69	Regulatory activity of polyunsaturated fatty acids in T-cell signaling. <i>Progress in Lipid Research</i> , 2010, 49, 250-261.	11.6	131
70	Docosahexaenoic acid reduces suppressive and migratory functions of CD4CD25 regulatory T-cells. <i>Journal of Lipid Research</i> , 2009, 50, 2377-2388.	4.2	79
71	Peroxisome proliferator-activated receptor- α modulates insulin gene transcription factors and inflammation in adipose tissues in mice. <i>Molecular and Cellular Biochemistry</i> , 2009, 323, 101-111.	3.1	35
72	Docosahexaenoic acid modulates the expression of T-bet and GATA-3 transcription factors, independently of PPAR α , through suppression of MAP kinase activation. <i>Biochimie</i> , 2009, 91, 1359-1365.	2.6	13

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73	Oro-sensory perception of dietary lipids: New insights into the fat taste transduction. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2009, 1791, 149-155.	2.4	93
74	n-3 Polyunsaturated Fatty Acids Modulate In Vitro T Cell Function in Type I Diabetic Patients. <i>Lipids</i> , 2008, 43, 485-497.	1.7	20
75	The gustatory pathway is involved in CD36-mediated orosensory perception of long-chain fatty acids in the mouse. <i>FASEB Journal</i> , 2008, 22, 1458-1468.	0.5	199
76	Linoleic Acid Induces Calcium Signaling, Src Kinase Phosphorylation, and Neurotransmitter Release in Mouse CD36-positive Gustatory Cells. <i>Journal of Biological Chemistry</i> , 2008, 283, 12949-12959.	3.4	161
77	Docosahexaenoic Acid Induces Increases in $[Ca^{2+}]_i$ via Inositol 1,4,5-Triphosphate Production and Activates Protein Kinase C β and γ via Phosphatidylserine Binding Site: Implication in Apoptosis in U937 Cells. <i>Molecular Pharmacology</i> , 2007, 72, 1545-1556.	2.3	47
78	Olfactory discrimination ability and brain expression of c-fos, Gir and Glut1 mRNA are altered in n-3 fatty acid-depleted rats. <i>Behavioural Brain Research</i> , 2007, 184, 1-10.	2.2	46
79	Role of lipids and fatty acids in macrosomic offspring of diabetic pregnancy. <i>Cell Biochemistry and Biophysics</i> , 2007, 48, 79-88.	1.8	28
80	Role of T-cells in diabetic pregnancy and macrosomia. <i>Indian Journal of Biochemistry and Biophysics</i> , 2007, 44, 344-9.	0.0	4
81	N-3 fatty acids modulate Th1 and Th2 dichotomy in diabetic pregnancy and macrosomia. <i>Journal of Autoimmunity</i> , 2006, 26, 268-277.	6.5	44
82	Inflammation et immunité : implications dans l'obésité et le diabète de type 2. <i>Oleagineux Corps Gras Lipides</i> , 2006, 13, 343-351.	0.2	3
83	Cassava-enriched diet is not diabetogenic rather it aggravates diabetes in rats. <i>Fundamental and Clinical Pharmacology</i> , 2006, 20, 579-586.	1.9	12
84	On Cell Signalling Mechanism of Mycobacterium Lepae Soluble Antigen (MLSA) in Jurkat T Cells. <i>Molecular and Cellular Biochemistry</i> , 2006, 287, 157-164.	3.1	7
85	Docosahexaenoic acid inhibits cancer cell growth via p27Kip1, CDK2, ERK1/ERK2, and retinoblastoma phosphorylation. <i>Journal of Lipid Research</i> , 2006, 47, 2306-2313.	4.2	27
86	Peroxisome Proliferator-Activated Receptor δ Deficiency Increases the Risk of Maternal Abortion and Neonatal Mortality in Murine Pregnancy with or without Diabetes Mellitus: Modulation of T Cell Differentiation. <i>Endocrinology</i> , 2006, 147, 4410-4418.	2.8	60
87	Diacylglycerols Containing Omega 3 and Omega 6 Fatty Acids Bind to RasGRP and Modulate MAP Kinase Activation. <i>Journal of Biological Chemistry</i> , 2004, 279, 1176-1183.	3.4	41
88	n-3 Fatty Acids Modulate T Cell Calcium Signaling in Obese Macrosomic Rats. <i>Obesity</i> , 2004, 12, 1744-1753.	4.0	31
89	Modulation of intracellular calcium concentrations and T cell activation by prickly pear polyphenols. <i>Molecular and Cellular Biochemistry</i> , 2004, 260, 103-110.	3.1	35
90	Thapsigargin-stimulated MAP kinase phosphorylation via CRAC channels and PLD activation: inhibitory action of docosahexaenoic acid. <i>FEBS Letters</i> , 2004, 564, 177-182.	2.8	39

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91	Docosahexaenoic acid and other fatty acids induce a decrease in pHi in Jurkat T-cells. British Journal of Pharmacology, 2003, 140, 1217-1226.	5.4	17
92	Implication of three isoforms of PLA2 in human T-cell proliferation. FEBS Letters, 2002, 520, 111-116.	2.8	23
93	Impaired lipoprotein metabolism in obese offspring of streptozotocin-induced diabetic rats. Lipids, 2002, 37, 773-781.	1.7	15
94	Age-Related Changes in Fatty Acids in Obese Offspring of Streptozotocin-Induced Diabetic Rats. Obesity, 2002, 10, 703-714.	4.0	23
95	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.	2.9	41
96	Docosahexaenoic acid modulates phorbol ester-induced activation of extracellular signal-regulated kinases 1 and 2 in NIH/3T3 cells. Lipids, 2001, 36, 813-818.	1.7	30
97	Implication of acyl chain of diacylglycerols in activation of different isoforms of protein kinase C. FASEB Journal, 2001, 15, 2595-2601.	0.5	100
98	Regulation of calcium signalling by docosahexaenoic acid in human T-cells: implication of CRAC channels. Journal of Lipid Research, 2000, 41, 277-284.	4.2	50