

Anna Polus

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1505351/publications.pdf>

Version: 2024-02-01

39
papers

530
citations

687363

13
h-index

713466

21
g-index

40
all docs

40
docs citations

40
times ranked

1125
citing authors

#	ARTICLE	IF	CITATIONS
1	Omega-3 fatty acid supplementation influences the whole blood transcriptome in women with obesity, associated with pro-resolving lipid mediator production. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2016, 1861, 1746-1755.	2.4	76
2	Increased nitric oxide availability attenuates high fat diet metabolic alterations and gene expression associated with insulin resistance. <i>Cardiovascular Diabetology</i> , 2011, 10, 68.	6.8	42
3	A Period 2 Genetic Variant Interacts with Plasma SFA to Modify Plasma Lipid Concentrations in Adults with Metabolic Syndrome. <i>Journal of Nutrition</i> , 2012, 142, 1213-1218.	2.9	29
4	Human adipose tissue stromal vascular fraction cells differentiate depending on distinct types of media. <i>Cell Proliferation</i> , 2008, 41, 441-459.	5.3	25
5	Proangiogenic activity of beta-carotene is coupled with the activation of endothelial cell chemotaxis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005, 1740, 222-239.	3.8	24
6	The effect of Î²-carotene and its derivatives on cytotoxicity, differentiation, proliferative potential and apoptosis on the three human acute leukemia cell lines: U-937, HL-60 and TF-1. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005, 1740, 206-214.	3.8	24
7	Effect of caloric restriction with or without n-3 polyunsaturated fatty acids on insulin sensitivity in obese subjects: A randomized placebo controlled trial. <i>BBA Clinical</i> , 2015, 4, 7-13.	4.1	20
8	Metabolic effects of the HIV protease inhibitor " saquinavir in differentiating human preadipocytes. <i>Pharmacological Reports</i> , 2013, 65, 937-950.	3.3	17
9	Glucagon-like peptide-1 receptor agonist stimulates mitochondrial bioenergetics in human adipocytes. <i>Acta Biochimica Polonica</i> , 2017, 64, 423-429.	0.5	17
10	Angiogenesis in the New Zealand obese mouse model fed with high fat diet. <i>Lipids in Health and Disease</i> , 2009, 8, 13.	3.0	16
11	An In Vitro Study of the Neurotoxic Effects of N-Benzylpiperazine: A Designer Drug of Abuse. <i>Neurotoxicity Research</i> , 2016, 29, 558-568.	2.7	15
12	Pro-inflammatory gene expression profile in obese adults with high plasma GIP levels. <i>International Journal of Obesity</i> , 2018, 42, 826-834.	3.4	15
13	MiRNA Expression in Patients with Gaucher Disease Treated with Enzyme Replacement Therapy. <i>Life</i> , 2021, 11, 2.	2.4	15
14	Epigenetic mechanism in search for the pathomechanism of diabetic neuropathy development in diabetes mellitus type 1 (T1DM). <i>Endocrine</i> , 2020, 68, 235-240.	2.3	14
15	Influence of insulin on cholesterol removal from macrophages and cholesterol ester uptake by HepG2 cells. <i>European Journal of Clinical Investigation</i> , 1996, 26, 1004-1010.	3.4	12
16	Î²-Carotene stimulates chemotaxis of human endothelial progenitor cells. <i>Clinical Chemistry and Laboratory Medicine</i> , 2005, 43, 488-98.	2.3	12
17	DNA methylation microarrays identify epigenetically regulated lipid related genes in obese patients with hypercholesterolemia. <i>Molecular Medicine</i> , 2020, 26, 93.	4.4	12
18	Enhanced GIP Secretion in Obesity Is Associated with Biochemical Alteration and miRNA Contribution to the Development of Liver Steatosis. <i>Nutrients</i> , 2020, 12, 476.	4.1	12

#	ARTICLE	IF	CITATIONS
19	The Microarray Expression Analysis Identifies BAX as a Mediator of β^2 -Carotene Effects on Apoptosis. <i>Nutrition and Cancer</i> , 2005, 51, 226-235.	2.0	11
20	Apoptosis-related gene expression in glioblastoma (LN-18) and medulloblastoma (Daoy) cell lines. <i>Human Cell</i> , 2013, 26, 137-148.	2.7	11
21	Hepatocyte RXR alpha deletion in mice leads to inhibition of angiogenesis. <i>Genes and Nutrition</i> , 2009, 4, 69-72.	2.5	10
22	MCPIP1 overexpression in human neuroblastoma cell lines causes cell cycle arrest by G1/S checkpoint block. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 3406-3425.	2.6	10
23	Effect of insulin resistance on whole blood mRNA and microRNA expression affecting bone turnover. <i>European Journal of Endocrinology</i> , 2019, 181, 525-537.	3.7	10
24	Differentiation of human adipose tissue SVF cells into cardiomyocytes. <i>Genes and Nutrition</i> , 2009, 4, 195-198.	2.5	9
25	Influence of dietary fatty acids on differentiation of human stromal vascular fraction preadipocytes. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2015, 1851, 1146-1155.	2.4	8
26	Epigenetic Regulation of Processes Related to High Level of Fibroblast Growth Factor 21 in Obese Subjects. <i>Genes</i> , 2021, 12, 307.	2.4	8
27	Angiogenesis in Balb/c mice under beta-carotene supplementation in diet. <i>Genes and Nutrition</i> , 2010, 5, 9-16.	2.5	7
28	Modulatory effect of high saturated fat diet-induced metabolic disturbances on angiogenic response in hepatocyte RXR α knockout mice. <i>Pharmacological Reports</i> , 2010, 62, 1078-1089.	3.3	6
29	Specific gene expression in type 1 diabetic patients with and without cardiac autonomic neuropathy. <i>Scientific Reports</i> , 2020, 10, 5554.	3.3	6
30	Mitochondrial Function and Apoptosis of Peripheral Mononuclear Cells (PBMCs) in the HIV Infected Patients. <i>Current HIV Research</i> , 2013, 11, 263-270.	0.5	6
31	Impaired leptin activity in New Zealand Obese mice: model of angiogenesis. <i>Genes and Nutrition</i> , 2008, 3, 177-180.	2.5	5
32	Case report of dysregulation of primary bile acid synthesis in a family with X-linked adrenoleukodystrophy. <i>Medicine (United States)</i> , 2018, 97, e13353.	1.0	4
33	Gene expression with corresponding pathways analysis in Gaucher disease. <i>Experimental and Molecular Pathology</i> , 2021, 123, 104679.	2.1	4
34	β^2 -Carotene and angiogenesis. <i>Pure and Applied Chemistry</i> , 2006, 78, 1519-1537.	1.9	3
35	Modulation of endothelial cell proliferation and capillary network formation by the ox-LDL component: 1-palmitoyl-2-archidonoyl-sn-glycero-3-phosphocholine (ox-PAPC). <i>Genes and Nutrition</i> , 2011, 6, 347-351.	2.5	3
36	The chemotactic activity of beta-carotene in endothelial cell progenitors and human umbilical vein endothelial cells: A microarray analysis. <i>Experimental and Clinical Cardiology</i> , 2006, 11, 117-22.	1.3	3

#	ARTICLE	IF	CITATIONS
37	Nutritional factors and progenitor cell differentiation. <i>Genes and Nutrition</i> , 2007, 2, 115-118.	2.5	2
38	Lipid and Gene Interactions during Differentiation of Human Subcutaneous Adipose Tissue Stromal Vascular Cells. <i>Journal of Cell Science & Therapy</i> , 2012, 03, .	0.3	2
39	Impact of Antiretroviral Therapy on Selected Metabolic Disorders – Pilot Study. <i>Advances in Clinical and Experimental Medicine</i> , 2014, 23, 539-549.	1.4	1