Pamela Fischer-Posovszky

List of Publications by Year
in descending order

96 papers	7,025 citations	117453 34 h-index	60497 81 g-index
107 all docs	107 docs citations	107 times ranked	14583 citing authors

#	Article	IF	Citations
1	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. Nature Genetics, 2010, 42, 937-948.	9.4	2,634
2	T-lymphocyte Infiltration in Visceral Adipose Tissue. Arteriosclerosis, Thrombosis, and Vascular Biology, 2008, 28, 1304-1310.	1.1	612
3	Human SGBS Cells – a Unique Tool for Studies of Human Fat Cell Biology. Obesity Facts, 2008, 1, 184-189.	1.6	225
4	RBP4: a controversial adipokine. European Journal of Endocrinology, 2011, 165, 703-711.	1.9	210
5	Endocrinology of Adipose Tissue - An Update. Hormone and Metabolic Research, 2007, 39, 314-321.	0.7	200
6	Resveratrol regulates human adipocyte number and function in a Sirt1-dependent manner. American Journal of Clinical Nutrition, 2010, 92, 5-15.	2.2	180
7	Biologically Inactive Leptin and Early-Onset Extreme Obesity. New England Journal of Medicine, 2015, 372, 48-54.	13.9	169
8	Extracellular vesicle-based interorgan transport of mitochondria from energetically stressed adipocytes. Cell Metabolism, 2021, 33, 1853-1868.e11.	7.2	165
9	Targeted Deletion of Adipocytes by Apoptosis Leads to Adipose Tissue Recruitment of Alternatively Activated M2 Macrophages. Endocrinology, 2011, 152, 3074-3081.	1.4	114
10	A New Missense Mutation in the Leptin Gene Causes Mild Obesity and Hypogonadism without Affecting T Cell Responsiveness. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 2836-2840.	1.8	110
11	Adiponectin expression in humans is dependent on differentiation of adipocytes and down-regulated by humoral serum components of high molecular weight. Biochemical and Biophysical Research Communications, 2005, 337, 540-550.	1.0	105
12	miR-146a-mediated suppression of the inflammatory response in human adipocytes. Scientific Reports, 2016, 6, 38339.	1.6	89
13	Identification of a novel proapoptotic function of resveratrol in fat cells: SIRT1â€independent sensitization to TRAILâ€induced apoptosis. FASEB Journal, 2010, 24, 1997-2009.	0.2	72
14	Regulation of Angiopoietin-Like Proteins (ANGPTLs) 3 and 8 by Insulin. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E1299-E1307.	1.8	72
15	Severe Early-Onset Obesity Due to Bioinactive Leptin Caused by a p.N103K Mutation in the Leptin Gene. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 3227-3230.	1.8	71
16	Inhibition of Death-Receptor Mediated Apoptosis in Human Adipocytes by the Insulin-Like Growth Factor I (IGF-I)/IGF-I Receptor Autocrine Circuit. Endocrinology, 2004, 145, 1849-1859.	1.4	70
17	Monogenic forms of childhood obesity due to mutations in the leptin gene. Molecular and Cellular Pediatrics, 2014, 1, 3.	1.0	68
18	Spare mitochondrial respiratory capacity permits human adipocytes to maintain ATP homeostasis under hypoglycemic conditions. FASEB Journal, 2014, 28, 761-770.	0.2	67

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19	FTO Deficiency Induces UCP-1 Expression and Mitochondrial Uncoupling in Adipocytes. Endocrinology, 2013, 154, 3141-3151.	1.4	65
20	miR-125b affects mitochondrial biogenesis and impairs brite adipocyte formation and function. Molecular Metabolism, 2016, 5, 615-625.	3.0	54
21	Resveratrol inhibits lipogenesis of 3T3-L1 and SGBS cells by inhibition of insulin signaling and mitochondrial mass increase. Biochimica Et Biophysica Acta - Bioenergetics, 2016, 1857, 643-652.	0.5	53
22	An inflammatory micro-environment promotes human adipocyte apoptosis. Molecular and Cellular Endocrinology, 2011, 339, 105-113.	1.6	50
23	Tollâ€like receptor 5 in obesity: The role of gut microbiota and adipose tissue inflammation. Obesity, 2015, 23, 581-590.	1.5	50
24	A computational biology approach of a genome-wide screen connected miRNAs to obesity and type 2 diabetes. Molecular Metabolism, 2018, 11, 145-159.	3.0	48
25	Influence of Sex Hormones on Adiponectin Expression in Human Adipocytes. Hormone and Metabolic Research, 2008, 40, 779-786.	0.7	47
26	Differential function of Akt1 and Akt2 in human adipocytes. Molecular and Cellular Endocrinology, 2012, 358, 135-143.	1.6	46
27	Early childhood BMI trajectories in monogenic obesity due to leptin, leptin receptor, and melanocortin 4 receptor deficiency. International Journal of Obesity, 2018, 42, 1602-1609.	1.6	44
28	Allele-Specific, Age-Dependent and BMI-Associated DNA Methylation of Human MCHR1. PLoS ONE, 2011, 6, e17711.	1.1	43
29	Obesity and inflammation: reduced cytokine expression due to resveratrol in a human in vitro model of inflamed adipose tissue. Frontiers in Pharmacology, 2015, 6, 79.	1.6	42
30	Comparative gene array analysis of progenitor cells from human paired deep neck and subcutaneous adipose tissue. Molecular and Cellular Endocrinology, 2014, 395, 41-50.	1.6	41
31	TRAIL (TNF-related apoptosis-inducing ligand) regulates adipocyte metabolism by caspase-mediated cleavage of PPARgamma. Cell Death and Disease, 2013, 4, e474-e474.	2.7	40
32	Circulating levels of miRâ€122 and nonalcoholic fatty liver disease in preâ€pubertal obese children. Pediatric Obesity, 2018, 13, 175-182.	1.4	40
33	4-hydroperoxy-cyclophosphamide mediates caspase-independent T-cell apoptosis involving oxidative stress-induced nuclear relocation of mitochondrial apoptogenic factors AIF and EndoG. Cell Death and Differentiation, 2008, 15, 332-343.	5.0	37
34	Elevated UCP1 levels are sufficient to improve glucose uptake in human white adipocytes. Redox Biology, 2019, 26, 101286.	3.9	37
35	Differentiating SGBS adipocytes respond to PPARÎ³ stimulation, irisin and BMP7 by functional browning and beige characteristics. Scientific Reports, 2019, 9, 5823.	1.6	36
36	The Effect of the HIV Protease Inhibitor Ritonavir on Proliferation, Differentiation, Lipogenesis, Gene Expression and Apoptosis of Human Preadipocytes and Adipocytes. Hormone and Metabolic Research, 2005, 37, 602-609.	0.7	35

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37	Clozapine modifies the differentiation program of human adipocytes inducing browning. Translational Psychiatry, 2016, 6, e963-e963.	2.4	35
38	Resveratrol-Induced Changes of the Human Adipocyte Secretion Profile. Journal of Proteome Research, 2012, 11, 4733-4743.	1.8	32
39	miR-107 inhibits CDK6 expression, differentiation, and lipid storage in human adipocytes. Molecular and Cellular Endocrinology, 2019, 479, 110-116.	1.6	32
40	Effects of TWEAK (TNF Superfamily Member 12) on Differentiation, Metabolism, and Secretory Function of Human Primary Preadipocytes and Adipocytes. Endocrinology, 2009, 150, 5373-5383.	1.4	31
41	Role of CD95-Mediated Adipocyte Loss in Autoimmune Lipodystrophy. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 1129-1135.	1.8	30
42	Mutation screen in the GWAS derived obesity gene SH2B1including functional analyses of detected variants. BMC Medical Genomics, 2012, 5, 65.	0.7	30
43	Adipocytes in hematopoiesis and acute leukemia: friends, enemies, or innocent bystanders?. Leukemia, 2020, 34, 2305-2316.	3.3	30
44	Regulation ofFTOandFTMExpression During Human Preadipocyte Differentiation. Hormone and Metabolic Research, 2011, 43, 17-21.	0.7	29
45	Resveratrol Suppresses PAI-1 Gene Expression in a HumanIn VitroModel of Inflamed Adipose Tissue. Oxidative Medicine and Cellular Longevity, 2013, 2013, 1-13.	1.9	29
46	THP-1 Macrophages and SGBS Adipocytes ? A New Human in vitro Model System of Inflamed Adipose Tissue. Frontiers in Endocrinology, 2011, 2, 89.	1.5	28
47	TRAIL (TNF-related apoptosis-inducing ligand) inhibits human adipocyte differentiation via caspase-mediated downregulation of adipogenic transcription factors. Cell Death and Disease, 2016, 7, e2412-e2412.	2.7	28
48	LIGHT (TNFSF14) inhibits adipose differentiation without affecting adipocyte metabolism. International Journal of Obesity, 2011, 35, 208-216.	1.6	27
49	MicroRNA-192* impairs adipocyte triglyceride storage. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 342-351.	1.2	27
50	Trail (TNF-related apoptosis-inducing ligand) induces an inflammatory response in human adipocytes. Scientific Reports, 2017, 7, 5691.	1.6	27
51	High content analysis of differentiation and cell death in human adipocytes. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2013, 83, 933-943.	1.1	26
52	Measurement of immunofunctional leptin to detect and monitor patients with functional leptin deficiency. European Journal of Endocrinology, 2017, 176, 315-322.	1.9	26
53	Mitochondrial DNA Variants in Obesity. PLoS ONE, 2014, 9, e94882.	1.1	26
54	Activated macrophages control human adipocyte mitochondrial bioenergetics via secreted factors. Molecular Metabolism, 2017, 6, 1226-1239.	3.0	25

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55	Conjugated Linoleic Acids Promote Human Fat Cell Apoptosis. Hormone and Metabolic Research, 2007, 39, 186-191.	0.7	24
56	MicroRNA-221-3p Regulates Angiopoietin-Like 8 (ANGPTL8) Expression in Adipocytes. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 4001-4012.	1.8	24
57	Pioglitazone reduces inflammatory responses of human adipocytes to factors secreted by monocytes/macrophages. American Journal of Physiology - Endocrinology and Metabolism, 2009, 296, E1076-E1084.	1.8	23
58	miR-146a regulates insulin sensitivity via NPR3. Cellular and Molecular Life Sciences, 2021, 78, 2987-3003.	2.4	23
59	ASCâ€1 transporterâ€dependent amino acid uptake is required for the efficient thermogenic response of human adipocytes to adrenergic stimulation. FEBS Letters, 2021, 595, 2085-2098.	1.3	22
60	Functional Significance and Predictive Value of MicroRNAs in Pediatric Obesity: Tiny Molecules with Huge Impact?. Hormone Research in Paediatrics, 2016, 86, 3-10.	0.8	21
61	Teneurin-2 (TENM2) deficiency induces UCP1 expression in differentiating human fat cells. Molecular and Cellular Endocrinology, 2017, 443, 106-113.	1.6	21
62	Interleukin-1Î² Downregulates RBP4 Secretion in Human Adipocytes. PLoS ONE, 2013, 8, e57796.	1.1	21
63	Leptin Is Not Essential for Obesity-Associated Hypertension. Obesity Facts, 2019, 12, 460-475.	1.6	20
64	Estimated prevalence of potentially damaging variants in the leptin gene. Molecular and Cellular Pediatrics, 2017, 4, 10.	1.0	19
65	Up-regulation of Bcl-2 during adipogenesis mediates apoptosis resistance in human adipocytes. Molecular and Cellular Endocrinology, 2014, 382, 368-376.	1.6	18
66	TNFâ€related apoptosisâ€inducing ligand promotes human preadipocyte proliferation via ERK1/2 activation. FASEB Journal, 2015, 29, 3065-3075.	0.2	18
67	Thermogenic Activation Downregulates High Mitophagy Rate in Human Masked and Mature Beige Adipocytes. International Journal of Molecular Sciences, 2020, 21, 6640.	1.8	17
68	Downregulation of FLIP by cycloheximide sensitizes human fat cells to CD95-induced apoptosis. Experimental Cell Research, 2011, 317, 2200-2209.	1.2	15
69	Establishment of Lipofection for Studying miRNA Function in Human Adipocytes. PLoS ONE, 2014, 9, e98023.	1.1	14
70	Compound heterozygous variants in OTULIN are associated with fulminant atypical lateâ€onset ORAS. EMBO Molecular Medicine, 2022, 14, e14901.	3.3	14
71	Human adipocyte differentiation and composition of disease-relevant lipids are regulated by miR-221-3p. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2021, 1866, 158841.	1.2	13
72	microRNA-27a-3p but Not -5p Is a Crucial Mediator of Human Adipogenesis. Cells, 2021, 10, 3205.	1.8	13

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73	FTO â€“ Friend or Foe?. Hormone and Metabolic Research, 2010, 42, 75-80.	0.7	10
74	HAND2 is a novel obesity-linked adipogenic transcription factor regulated by glucocorticoid signalling. Diabetologia, 2021, 64, 1850-1865.	2.9	10
75	Biologically Inactive Leptin and Early-Onset Extreme Obesity. New England Journal of Medicine, 2015, 372, 1266-1267.	13.9	8
76	Browning capabilities of human primary adipose-derived stromal cells compared to SGBS cells. Scientific Reports, 2020, 10, 9632.	1.6	8
77	A fresh look to the phenotype in mono-allelic likely pathogenic variants of the leptin and the leptin receptor gene. Molecular and Cellular Pediatrics, 2021, 8, 10.	1.0	8
78	Age- and BMI-Associated Expression of Angiogenic Factors in White Adipose Tissue of Children. International Journal of Molecular Sciences, 2019, 20, 5204.	1.8	7
79	Combined Cardioprotective and Adipocyte Browning Effects Promoted by the Eutomer of Dual sEH/PPARÎ³ Modulator. Journal of Medicinal Chemistry, 2021, 64, 2815-2828.	2.9	7
80	Latent TGFÎ²-binding proteins regulate UCP1 expression and function via TGFÎ²2. Molecular Metabolism, 2021, 53, 101336.	3.0	7
81	Adipose tissue: a neglected organ in the response to severe trauma?. Cellular and Molecular Life Sciences, 2022, 79, 207.	2.4	7
82	Gene expression levels of Casein kinase 1 (CK1) isoforms are correlated to adiponectin levels in adipose tissue of morbid obese patients and site-specific phosphorylation mediated by CK1 influences multimerization of adiponectin. Molecular and Cellular Endocrinology, 2015, 406, 87-101.	1.6	6
83	Impact of X-ray Exposure on the Proliferation and Differentiation of Human Pre-Adipocytes. International Journal of Molecular Sciences, 2018, 19, 2717.	1.8	6
84	Insulin-inducible THRSP maintains mitochondrial function and regulates sphingolipid metabolism in human adipocytes. Molecular Medicine, 2022, 28, .	1.9	4
85	CD90 Is Dispensable for White and Beige/Brown Adipocyte Differentiation. International Journal of Molecular Sciences, 2020, 21, 7907.	1.8	2
86	Oncostatin M promotes lipolysis in white adipocytes. Adipocyte, 2022, 11, 315-324.	1.3	2
87	Effect of Body Weight on Endocrine Parameters and Fat Hormones. , 2011, , 483-498.		1
88	Absence of CC chemokine receptors 2a and 2b from human adipose lineage cells. Molecular and Cellular Endocrinology, 2013, 369, 72-85.	1.6	1
89	FrÃ¼hkindlicher BMI-Verlauf bei monogener Adipositas. Medizinische Genetik, 2017, 29, 360-364.	0.1	1
90	White Adipose Tissue Development and Function in Children and Adolescents: Preclinical Models. Contemporary Endocrinology, 2018, , 81-93.	0.3	1

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91	Nicotinamide mononucleotide: a potential effective natural compound against insulin resistance. Signal Transduction and Targeted Therapy, 2021, 6, 310.	7.1	1
92	Fettgewebe als endokrines Organ. Springer Reference Medizin, 2020, , 271-278.	0.0	1
93	B20â€...Increased glucose uptake in white adipose tissue of R6/2 mice due to changes in expression and translocation of glucose transporter 4 (GLUT4). Journal of Neurology, Neurosurgery and Psychiatry, 2012, 83, A11.3-A12.	0.9	0
94	Obesity and Weight Regulation. Yearbook of Paediatric Endocrinology, 2012, , 153-173.	0.0	0
95	Phosphorylierung beeinflusst die Komplexbildung von Adiponektin. Langenbecks Archiv Fuì˙r Chirurgie Supplement, 2010, , 125-126.	0.0	0
96	Fettgewebe als endokrines Organ. Springer Reference Medizin, 2018, , 1-8.	0.0	0