

Pamela Fischer-Posovszky

List of Publications by Year in descending order

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Version: 2024-02-01

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	Compound heterozygous variants in <i>OTULIN</i> are associated with fulminant atypical late-onset ORAS. <i>EMBO Molecular Medicine</i> , 2022, 14, e14901.	3.3	14
2	Adipose tissue: a neglected organ in the response to severe trauma?. <i>Cellular and Molecular Life Sciences</i> , 2022, 79, 207.	2.4	7
3	Oncostatin M promotes lipolysis in white adipocytes. <i>Adipocyte</i> , 2022, 11, 315-324.	1.3	2
4	Insulin-inducible THRSP maintains mitochondrial function and regulates sphingolipid metabolism in human adipocytes. <i>Molecular Medicine</i> , 2022, 28, .	1.9	4
5	Human adipocyte differentiation and composition of disease-relevant lipids are regulated by miR-221-3p. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2021, 1866, 158841.	1.2	13
6	miR-146a regulates insulin sensitivity via NPR3. <i>Cellular and Molecular Life Sciences</i> , 2021, 78, 2987-3003.	2.4	23
7	Combined Cardioprotective and Adipocyte Browning Effects Promoted by the Eutomer of Dual sEH/PPAR β Modulator. <i>Journal of Medicinal Chemistry</i> , 2021, 64, 2815-2828.	2.9	7
8	HAND2 is a novel obesity-linked adipogenic transcription factor regulated by glucocorticoid signalling. <i>Diabetologia</i> , 2021, 64, 1850-1865.	2.9	10
9	ASC β transporter-dependent amino acid uptake is required for the efficient thermogenic response of human adipocytes to adrenergic stimulation. <i>FEBS Letters</i> , 2021, 595, 2085-2098.	1.3	22
10	Nicotinamide mononucleotide: a potential effective natural compound against insulin resistance. <i>Signal Transduction and Targeted Therapy</i> , 2021, 6, 310.	7.1	1
11	A fresh look to the phenotype in mono-allelic likely pathogenic variants of the leptin and the leptin receptor gene. <i>Molecular and Cellular Pediatrics</i> , 2021, 8, 10.	1.0	8
12	Extracellular vesicle-based interorgan transport of mitochondria from energetically stressed adipocytes. <i>Cell Metabolism</i> , 2021, 33, 1853-1868.e11.	7.2	165
13	Latent TGF β -binding proteins regulate UCP1 expression and function via TGF β 2. <i>Molecular Metabolism</i> , 2021, 53, 101336.	3.0	7
14	microRNA-27a-3p but Not -5p Is a Crucial Mediator of Human Adipogenesis. <i>Cells</i> , 2021, 10, 3205.	1.8	13
15	CD90 Is Dispensable for White and Beige/Brown Adipocyte Differentiation. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7907.	1.8	2
16	Thermogenic Activation Downregulates High Mitophagy Rate in Human Masked and Mature Beige Adipocytes. <i>International Journal of Molecular Sciences</i> , 2020, 21, 6640.	1.8	17
17	Adipocytes in hematopoiesis and acute leukemia: friends, enemies, or innocent bystanders?. <i>Leukemia</i> , 2020, 34, 2305-2316.	3.3	30
18	Browning capabilities of human primary adipose-derived stromal cells compared to SCBS cells. <i>Scientific Reports</i> , 2020, 10, 9632.	1.6	8

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19	Fettgewebe als endokrines Organ. Springer Reference Medizin, 2020, , 271-278.	0.0	1
20	Elevated UCP1 levels are sufficient to improve glucose uptake in human white adipocytes. Redox Biology, 2019, 26, 101286.	3.9	37
21	Leptin Is Not Essential for Obesity-Associated Hypertension. Obesity Facts, 2019, 12, 460-475.	1.6	20
22	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
23	Differentiating SGBS adipocytes respond to PPAR γ 3 stimulation, irisin and BMP7 by functional browning and beige characteristics. Scientific Reports, 2019, 9, 5823.	1.6	36
24	miR-107 inhibits CDK6 expression, differentiation, and lipid storage in human adipocytes. Molecular and Cellular Endocrinology, 2019, 479, 110-116.	1.6	32
25	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
26	Circulating levels of miR-122 and nonalcoholic fatty liver disease in prepubertal obese children. Pediatric Obesity, 2018, 13, 175-182.	1.4	40
27	White Adipose Tissue Development and Function in Children and Adolescents: Preclinical Models. Contemporary Endocrinology, 2018, , 81-93.	0.3	1
28	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
29	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
30	Fettgewebe als endokrines Organ. Springer Reference Medizin, 2018, , 1-8.	0.0	0
31	Teneurin-2 (TENM2) deficiency induces UCP1 expression in differentiating human fat cells. Molecular and Cellular Endocrinology, 2017, 443, 106-113.	1.6	21
32	Measurement of immunofunctional leptin to detect and monitor patients with functional leptin deficiency. European Journal of Endocrinology, 2017, 176, 315-322.	1.9	26
33	MicroRNA-221-3p Regulates Angiopoietin-Like 8 (ANGPTL8) Expression in Adipocytes. Journal of Clinical Endocrinology and Metabolism, 2017, 102, 4001-4012.	1.8	24
34	Activated macrophages control human adipocyte mitochondrial bioenergetics via secreted factors. Molecular Metabolism, 2017, 6, 1226-1239.	3.0	25
35	Trail (TNF-related apoptosis-inducing ligand) induces an inflammatory response in human adipocytes. Scientific Reports, 2017, 7, 5691.	1.6	27
36	Estimated prevalence of potentially damaging variants in the leptin gene. Molecular and Cellular Pediatrics, 2017, 4, 10.	1.0	19

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37	FrÃ¼hkindlicher BMI-Verlauf bei monogener Adipositas. Medizinische Genetik, 2017, 29, 360-364.	0.1	1
38	Clozapine modifies the differentiation program of human adipocytes inducing browning. Translational Psychiatry, 2016, 6, e963-e963.	2.4	35
39	miR-146a-mediated suppression of the inflammatory response in human adipocytes. Scientific Reports, 2016, 6, 38339.	1.6	89
40	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
41	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
42	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
43	miR-125b affects mitochondrial biogenesis and impairs brite adipocyte formation and function. Molecular Metabolism, 2016, 5, 615-625.	3.0	54
44	MicroRNA-192* impairs adipocyte triglyceride storage. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2016, 1861, 342-351.	1.2	27
45	Biologically Inactive Leptin and Early-Onset Extreme Obesity. New England Journal of Medicine, 2015, 372, 48-54.	13.9	169
46	Tollâ€like receptor 5 in obesity: The role of gut microbiota and adipose tissue inflammation. Obesity, 2015, 23, 581-590.	1.5	50
47	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
48	TNFâ€related apoptosisâ€inducing ligand promotes human preadipocyte proliferation via ERK1/2 activation. FASEB Journal, 2015, 29, 3065-3075.	0.2	18
49	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
50	Biologically Inactive Leptin and Early-Onset Extreme Obesity. New England Journal of Medicine, 2015, 372, 1266-1267.	13.9	8
51	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
52	Regulation of Angiopoietin-Like Proteins (ANGPTLs) 3 and 8 by Insulin. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E1299-E1307.	1.8	72
53	Establishment of Lipofection for Studying miRNA Function in Human Adipocytes. PLoS ONE, 2014, 9, e98023.	1.1	14
54	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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55	Comparative gene array analysis of progenitor cells from human paired deep neck and subcutaneous adipose tissue. <i>Molecular and Cellular Endocrinology</i> , 2014, 395, 41-50.	1.6	41
56	Monogenic forms of childhood obesity due to mutations in the leptin gene. <i>Molecular and Cellular Pediatrics</i> , 2014, 1, 3.	1.0	68
57	Up-regulation of Bcl-2 during adipogenesis mediates apoptosis resistance in human adipocytes. <i>Molecular and Cellular Endocrinology</i> , 2014, 382, 368-376.	1.6	18
58	Mitochondrial DNA Variants in Obesity. <i>PLoS ONE</i> , 2014, 9, e94882.	1.1	26
59	High content analysis of differentiation and cell death in human adipocytes. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2013, 83, 933-943.	1.1	26
60	Absence of CC chemokine receptors 2a and 2b from human adipose lineage cells. <i>Molecular and Cellular Endocrinology</i> , 2013, 369, 72-85.	1.6	1
61	FTO Deficiency Induces UCP-1 Expression and Mitochondrial Uncoupling in Adipocytes. <i>Endocrinology</i> , 2013, 154, 3141-3151.	1.4	65
62	TRAIL (TNF-related apoptosis-inducing ligand) regulates adipocyte metabolism by caspase-mediated cleavage of PPAR γ . <i>Cell Death and Disease</i> , 2013, 4, e474-e474.	2.7	40
63	Resveratrol Suppresses PAI-1 Gene Expression in a Human <i>In Vitro</i> Model of Inflamed Adipose Tissue. <i>Oxidative Medicine and Cellular Longevity</i> , 2013, 2013, 1-13.	1.9	29
64	Interleukin-1 β Downregulates RBP4 Secretion in Human Adipocytes. <i>PLoS ONE</i> , 2013, 8, e57796.	1.1	21
65	B20â€¦Increased glucose uptake in white adipose tissue of R6/2 mice due to changes in expression and translocation of glucose transporter 4 (GLUT4). <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2012, 83, A11.3-A12.	0.9	0
66	Resveratrol-Induced Changes of the Human Adipocyte Secretion Profile. <i>Journal of Proteome Research</i> , 2012, 11, 4733-4743.	1.8	32
67	Mutation screen in the GWAS derived obesity gene SH2B1 including functional analyses of detected variants. <i>BMC Medical Genomics</i> , 2012, 5, 65.	0.7	30
68	Obesity and Weight Regulation. <i>Yearbook of Paediatric Endocrinology</i> , 2012, , 153-173.	0.0	0
69	Differential function of Akt1 and Akt2 in human adipocytes. <i>Molecular and Cellular Endocrinology</i> , 2012, 358, 135-143.	1.6	46
70	An inflammatory micro-environment promotes human adipocyte apoptosis. <i>Molecular and Cellular Endocrinology</i> , 2011, 339, 105-113.	1.6	50
71	THP-1 Macrophages and SGBS Adipocytes ? A New Human <i>in vitro</i> Model System of Inflamed Adipose Tissue. <i>Frontiers in Endocrinology</i> , 2011, 2, 89.	1.5	28
72	Effect of Body Weight on Endocrine Parameters and Fat Hormones. , 2011, , 483-498.		1

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73	LIGHT (TNFSF14) inhibits adipose differentiation without affecting adipocyte metabolism. <i>International Journal of Obesity</i> , 2011, 35, 208-216.	1.6	27
74	Downregulation of FLIP by cycloheximide sensitizes human fat cells to CD95-induced apoptosis. <i>Experimental Cell Research</i> , 2011, 317, 2200-2209.	1.2	15
75	Targeted Deletion of Adipocytes by Apoptosis Leads to Adipose Tissue Recruitment of Alternatively Activated M2 Macrophages. <i>Endocrinology</i> , 2011, 152, 3074-3081.	1.4	114
76	Regulation of FTO and FTM Expression During Human Preadipocyte Differentiation. <i>Hormone and Metabolic Research</i> , 2011, 43, 17-21.	0.7	29
77	RBP4: a controversial adipokine. <i>European Journal of Endocrinology</i> , 2011, 165, 703-711.	1.9	210
78	Allele-Specific, Age-Dependent and BMI-Associated DNA Methylation of Human MCHR1. <i>PLoS ONE</i> , 2011, 6, e17711.	1.1	43
79	Association analyses of 249,796 individuals reveal 18 new loci associated with body mass index. <i>Nature Genetics</i> , 2010, 42, 937-948.	9.4	2,634
80	Identification of a novel proapoptotic function of resveratrol in fat cells: SIRT1-independent sensitization to TRAIL-induced apoptosis. <i>FASEB Journal</i> , 2010, 24, 1997-2009.	0.2	72
81	A New Missense Mutation in the Leptin Gene Causes Mild Obesity and Hypogonadism without Affecting T Cell Responsiveness. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 2836-2840.	1.8	110
82	FTO – Friend or Foe?. <i>Hormone and Metabolic Research</i> , 2010, 42, 75-80.	0.7	10
83	Resveratrol regulates human adipocyte number and function in a Sirt1-dependent manner. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 5-15.	2.2	180
84	Phosphorylierung beeinflusst die Komplexbildung von Adiponektin. <i>Langenbecks Archiv Für Chirurgie Supplement</i> , 2010, , 125-126.	0.0	0
85	Pioglitazone reduces inflammatory responses of human adipocytes to factors secreted by monocytes/macrophages. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E1076-E1084.	1.8	23
86	Effects of TWEAK (TNF Superfamily Member 12) on Differentiation, Metabolism, and Secretory Function of Human Primary Preadipocytes and Adipocytes. <i>Endocrinology</i> , 2009, 150, 5373-5383.	1.4	31
87	4-hydroperoxy-cyclophosphamide mediates caspase-independent T-cell apoptosis involving oxidative stress-induced nuclear relocation of mitochondrial apoptogenic factors AIF and EndoG. <i>Cell Death and Differentiation</i> , 2008, 15, 332-343.	5.0	37
88	T-lymphocyte Infiltration in Visceral Adipose Tissue. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008, 28, 1304-1310.	1.1	612
89	Human SGBS Cells – a Unique Tool for Studies of Human Fat Cell Biology. <i>Obesity Facts</i> , 2008, 1, 184-189.	1.6	225
90	Influence of Sex Hormones on Adiponectin Expression in Human Adipocytes. <i>Hormone and Metabolic Research</i> , 2008, 40, 779-786.	0.7	47

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91	Conjugated Linoleic Acids Promote Human Fat Cell Apoptosis. <i>Hormone and Metabolic Research</i> , 2007, 39, 186-191.	0.7	24
92	Endocrinology of Adipose Tissue - An Update. <i>Hormone and Metabolic Research</i> , 2007, 39, 314-321.	0.7	200
93	Role of CD95-Mediated Adipocyte Loss in Autoimmune Lipodystrophy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 1129-1135.	1.8	30
94	The Effect of the HIV Protease Inhibitor Ritonavir on Proliferation, Differentiation, Lipogenesis, Gene Expression and Apoptosis of Human Preadipocytes and Adipocytes. <i>Hormone and Metabolic Research</i> , 2005, 37, 602-609.	0.7	35
95	Adiponectin expression in humans is dependent on differentiation of adipocytes and down-regulated by humoral serum components of high molecular weight. <i>Biochemical and Biophysical Research Communications</i> , 2005, 337, 540-550.	1.0	105
96	Inhibition of Death-Receptor Mediated Apoptosis in Human Adipocytes by the Insulin-Like Growth Factor I (IGF-I)/IGF-I Receptor Autocrine Circuit. <i>Endocrinology</i> , 2004, 145, 1849-1859.	1.4	70