

Belen Peral

List of Publications by Year in descending order

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49
papers

6,835
citations

136950

32
h-index

197818

49
g-index

49
all docs

49
docs citations

49
times ranked

8026
citing authors

#	ARTICLE	IF	CITATIONS
1	Identification and characterization of the tuberous sclerosis gene on chromosome 16. <i>Cell</i> , 1993, 75, 1305-1315.	28.9	1,604
2	The polycystic kidney disease 1 (PKD1) gene encodes a novel protein with multiple cell recognition domains. <i>Nature Genetics</i> , 1995, 10, 151-160.	21.4	846
3	The polycystic kidney disease 1 gene encodes a 14 kb transcript and lies within a duplicated region on chromosome 16. <i>Cell</i> , 1994, 77, 881-894.	28.9	784
4	Deletion of the TSC2 and PKD1 genes associated with severe infantile polycystic kidney disease "a contiguous gene syndrome. <i>Nature Genetics</i> , 1994, 8, 328-332.	21.4	466
5	MiRNA Expression Profile of Human Subcutaneous Adipose and during Adipocyte Differentiation. <i>PLoS ONE</i> , 2010, 5, e9022.	2.5	316
6	Genetic variation near IRS1 associates with reduced adiposity and an impaired metabolic profile. <i>Nature Genetics</i> , 2011, 43, 753-760.	21.4	289
7	A Polymorphic Genomic Duplication on Human Chromosome 15 Is a Susceptibility Factor for Panic and Phobic Disorders. <i>Cell</i> , 2001, 106, 367-379.	28.9	219
8	Mutation Analysis of the Entire PKD1 Gene: Genetic and Diagnostic Implications. <i>American Journal of Human Genetics</i> , 2001, 68, 46-63.	6.2	196
9	Differential Gene Expression Profile in Omental Adipose Tissue in Women with Polycystic Ovary Syndrome. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007, 92, 328-337.	3.6	155
10	Association of the Polycystic Ovary Syndrome with Genomic Variants Related to Insulin Resistance, Type 2 Diabetes Mellitus, and Obesity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 2640-2646.	3.6	146
11	Enhanced fatty acid oxidation in adipocytes and macrophages reduces lipid-induced triglyceride accumulation and inflammation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E756-E769.	3.5	143
12	Study of the Potential Association of Adipose Tissue GLP-1 Receptor with Obesity and Insulin Resistance. <i>Endocrinology</i> , 2011, 152, 4072-4079.	2.8	121
13	Proteomic analysis of human omental adipose tissue in the polycystic ovary syndrome using two-dimensional difference gel electrophoresis and mass spectrometry. <i>Human Reproduction</i> , 2008, 23, 651-661.	0.9	108
14	Identification of Mutations in the Duplicated Region of the Polycystic Kidney Disease 1 Gene (PKD1) by a Novel Approach. <i>American Journal of Human Genetics</i> , 1997, 60, 1399-1410.	6.2	100
15	The Gene Expression of the Main Lipogenic Enzymes is Downregulated in Visceral Adipose Tissue of Obese Subjects. <i>Obesity</i> , 2010, 18, 13-20.	3.0	99
16	A stable, nonsense mutation associated with a case of infantile onset polycystic kidney disease 1 (PKD1). <i>Human Molecular Genetics</i> , 1996, 5, 539-542.	2.9	94
17	Differential Proteomics of Omental and Subcutaneous Adipose Tissue Reflects Their Unalike Biochemical and Metabolic Properties. <i>Journal of Proteome Research</i> , 2009, 8, 1682-1693.	3.7	94
18	The Methionine 196 Arginine Polymorphism in Exon 6 of the TNF Receptor 2 Gene (TNFRSF1B) Is Associated with the Polycystic Ovary Syndrome and Hyperandrogenism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3977-3983.	3.6	92

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19	Splicing mutations of the polycystic kidney disease 1 (<i>PKD1</i>) gene induced by intronic deletion. <i>Human Molecular Genetics</i> , 1995, 4, 569-574.	2.9	90
20	FABP4 Dynamics in Obesity: Discrepancies in Adipose Tissue and Liver Expression Regarding Circulating Plasma Levels. <i>PLoS ONE</i> , 2012, 7, e48605.	2.5	67
21	Study of the proinflammatory role of human differentiated omental adipocytes. <i>Journal of Cellular Biochemistry</i> , 2009, 107, 1107-1117.	2.6	64
22	Proteome-wide alterations on adipose tissue from obese patients as age-, diabetes- and gender-specific hallmarks. <i>Scientific Reports</i> , 2016, 6, 25756.	3.3	61
23	Additional Complexity on Human Chromosome 15q: Identification of a Set of Newly Recognized Duplicons (LCR15) on 15q11-q13, 15q24, and 15q26. <i>Genome Research</i> , 2001, 11, 98-111.	5.5	60
24	Improved resolution of the human adipose tissue proteome at alkaline and wide range pH by the addition of hydroxyethyl disulfide. <i>Proteomics</i> , 2004, 4, 438-441.	2.2	55
25	Autosomal dominant polycystic kidney disease: molecular analysis. <i>Human Molecular Genetics</i> , 1995, 4, 1745-1749.	2.9	44
26	Differential proteomic and oxidative profiles unveil dysfunctional protein import to adipocyte mitochondria in obesity-associated aging and diabetes. <i>Redox Biology</i> , 2017, 11, 415-428.	9.0	40
27	Subcutaneous Fat Shows Higher Thyroid Hormone Receptor α 1 Gene Expression Than Omental Fat. <i>Obesity</i> , 2009, 17, 2134-2141.	3.0	39
28	Attenuated metabolism is a hallmark of obesity as revealed by comparative proteomic analysis of human omental adipose tissue. <i>Journal of Proteomics</i> , 2012, 75, 783-795.	2.4	39
29	Fine genetic localization of the gene for autosomal dominant polycystic kidney disease (PKD1) with respect to physically mapped markers. <i>Genomics</i> , 1992, 13, 152-158.	2.9	37
30	HMG20A and HMG20B map to human chromosomes 15q24 and 19p13.3 and constitute a distinct class of HMG-box genes with ubiquitous expression. <i>Cytogenetic and Genome Research</i> , 2000, 88, 62-67.	1.1	36
31	Decreased <i>STAMP2</i> Expression in Association with Visceral Adipose Tissue Dysfunction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2011, 96, E1816-E1825.	3.6	34
32	Common single nucleotide polymorphisms in intron 3 of the calpain-10 gene influence hirsutism. <i>Fertility and Sterility</i> , 2002, 77, 581-587.	1.0	33
33	The Methionine 196 Arginine Polymorphism in Exon 6 of the TNF Receptor 2 Gene (TNFRSF1B) Is Associated with the Polycystic Ovary Syndrome and Hyperandrogenism. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002, 87, 3977-3983.	3.6	31
34	Uncovering Suitable Reference Proteins for Expression Studies in Human Adipose Tissue with Relevance to Obesity. <i>PLoS ONE</i> , 2012, 7, e30326.	2.5	25
35	Tackling the human adipose tissue proteome to gain insight into obesity and related pathologies. <i>Expert Review of Proteomics</i> , 2009, 6, 353-361.	3.0	24
36	ITCH Deficiency Protects From Diet-Induced Obesity. <i>Diabetes</i> , 2014, 63, 550-561.	0.6	24

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37	<i>N</i> -Acetylcysteine affects obesity-related protein expression in 3T3-L1 adipocytes. Redox Report, 2013, 18, 210-218.	4.5	23
38	Mitoproteomics: Tackling Mitochondrial Dysfunction in Human Disease. Oxidative Medicine and Cellular Longevity, 2018, 2018, 1-26.	4.0	19
39	Breast Cancer 1 (BrCa1) May Be behind Decreased Lipogenesis in Adipose Tissue from Obese Subjects. PLoS ONE, 2012, 7, e33233.	2.5	18
40	The MRC1/CD68 Ratio Is Positively Associated with Adipose Tissue Lipogenesis and with Muscle Mitochondrial Gene Expression in Humans. PLoS ONE, 2013, 8, e70810.	2.5	17
41	Recurrence of the PKD1 nonsense mutation Q4041X in Spanish, Italian, and British families. Human Mutation, 1998, 11, S117-S120.	2.5	16
42	Improved integrative analysis of the thiol redox proteome using filter-aided sample preparation. Journal of Proteomics, 2020, 214, 103624.	2.4	14
43	Proteomics and genomics: A hypothesis-free approach to the study of the role of visceral adiposity in the pathogenesis of the polycystic ovary syndrome. Proteomics - Clinical Applications, 2008, 2, 444-455.	1.6	12
44	Parathyroid Hormone-Related Protein, Human Adipose-Derived Stem Cells Adipogenic Capacity and Healthy Obesity. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E826-E835.	3.6	11
45	Characterization of a 6p21 translocation breakpoint in a family with idiopathic generalized epilepsy. Epilepsy Research, 2003, 56, 155-163.	1.6	8
46	Estimating locus heterogeneity in autosomal dominant polycystic kidney disease (ADPKD) in the Spanish population.. Journal of Medical Genetics, 1993, 30, 910-913.	3.2	6
47	Cytoskeletal transgelin 2 contributes to gender-dependent adipose tissue expandability and immune function. FASEB Journal, 2019, 33, 9656-9671.	0.5	6
48	Transducin-like enhancer of split 3 (TLE3) in adipose tissue is increased in situations characterized by decreased PPAR γ gene expression. Journal of Molecular Medicine, 2015, 93, 83-92.	3.9	5
49	N-acetylcysteine inhibits kinase phosphorylation during 3T3-L1 adipocyte differentiation. Redox Report, 2017, 22, 265-271.	4.5	5