

Margherita Maffei

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

68

papers

20,281

citations

30

h-index

77

g-index

77

ext. papers

21,507

ext. citations

8.3

avg, IF

5.83

L-index

#	Paper	IF	Citations
68	Positional cloning of the mouse obese gene and its human homologue. <i>Nature</i> , 1994 , 372, 425-32	50.4	10734
67	Weight-reducing effects of the plasma protein encoded by the obese gene. <i>Science</i> , 1995 , 269, 543-6	33.3	3959
66	Leptin levels in human and rodent: measurement of plasma leptin and ob RNA in obese and weight-reduced subjects. <i>Nature Medicine</i> , 1995 , 1, 1155-61	50.5	3054
65	Increased expression in adipocytes of ob RNA in mice with lesions of the hypothalamus and with mutations at the db locus. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1995 , 92, 6957-60	11.5	379
64	Relatively low plasma leptin concentrations precede weight gain in Pima Indians. <i>Nature Medicine</i> , 1997 , 3, 238-40	50.5	216
63	The human obese (OB) gene: RNA expression pattern and mapping on the physical, cytogenetic, and genetic maps of chromosome 7. <i>Genome Research</i> , 1995 , 5, 5-12	9.7	153
62	Absence of mutations in the human OB gene in obese/diabetic subjects. <i>Diabetes</i> , 1996 , 45, 679-82	0.9	145
61	Characterization of the long pentraxin PTX3 as a TNFalpha-induced secreted protein of adipose cells. <i>Journal of Lipid Research</i> , 2003 , 44, 994-1000	6.3	109
60	Serum haptoglobin: a novel marker of adiposity in humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 2678-83	5.6	99
59	Randomized trial on the effects of a combined physical/cognitive training in aged MCI subjects: the Train the Brain study. <i>Scientific Reports</i> , 2017 , 7, 39471	4.9	76
58	Obesity modulates the expression of haptoglobin in the white adipose tissue via TNFalpha. <i>Journal of Cellular Physiology</i> , 2002 , 190, 251-8	7	69
57	Identification of cathepsin K as a novel marker of adiposity in white adipose tissue. <i>Journal of Cellular Physiology</i> , 2003 , 195, 309-21	7	60
56	Cloning and developmental expression of LFB3/HNF1 beta transcription factor in <i>Xenopus laevis</i> . <i>Mechanisms of Development</i> , 1994 , 47, 19-28	1.7	47
55	Acute exogenous TSH administration stimulates leptin secretion in vivo. <i>European Journal of Endocrinology</i> , 2010 , 163, 63-7	6.5	46
54	Chapter 4 Melanocortin-4 Receptor Mutations In Obesity. <i>Advances in Clinical Chemistry</i> , 2009 , 48, 95-103	3.8	46
53	Human leptin tissue distribution, but not weight loss-dependent change in expression, is associated with methylation of its promoter. <i>Epigenetics</i> , 2011 , 6, 1198-206	5.7	46
52	Haptoglobin activates innate immunity to enhance acute transplant rejection in mice. <i>Journal of Clinical Investigation</i> , 2012 , 122, 383-7	15.9	46

51	Gene expression in ductus arteriosus and aorta: comparison of birth and oxygen effects. <i>Physiological Genomics</i> , 2006 , 25, 250-62	3.6	44
50	Cathepsin K null mice show reduced adiposity during the rapid accumulation of fat stores. <i>PLoS ONE</i> , 2007 , 2, e683	3.7	44
49	Absence of mutations in the human OB gene in obese/diabetic subjects. <i>Diabetes</i> , 1996 , 45, 679-682	0.9	41
48	The obesity and inflammatory marker haptoglobin attracts monocytes via interaction with chemokine (C-C motif) receptor 2 (CCR2). <i>BMC Biology</i> , 2009 , 7, 87	7.3	40
47	Identification of a novel mutation in the polymerase delta 1 (POLD1) gene in a lipodystrophic patient affected by mandibular hypoplasia, deafness, progeroid features (MDPL) syndrome. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 1385-9	12.7	39
46	Genetic screening for melanocortin-4 receptor mutations in a cohort of Italian obese patients: description and functional characterization of a novel mutation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 904-8	5.6	39
45	The Multifaceted Haptoglobin in the Context of Adipose Tissue and Metabolism. <i>Endocrine Reviews</i> , 2016 , 37, 403-16	27.2	38
44	A sensitive period for environmental regulation of eating behavior and leptin sensitivity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010 , 107, 16673-8	11.5	38
43	Adipose tissue ob mRNA expression in humans: discordance with plasma leptin and relationship with adipose TNF α expression. <i>Journal of Lipid Research</i> , 1998 , 39, 724-730	6.3	38
42	Haptoglobin is required to prevent oxidative stress and muscle atrophy. <i>PLoS ONE</i> , 2014 , 9, e100745	3.7	35
41	Adipose tissue ob mRNA expression in humans: discordance with plasma leptin and relationship with adipose TNF α expression. <i>Journal of Lipid Research</i> , 1998 , 39, 724-30	6.3	35
40	Permanence of molecular features of obesity in subcutaneous adipose tissue of ex-obese subjects. <i>International Journal of Obesity</i> , 2013 , 37, 867-73	5.5	31
39	Cellular program controlling the recovery of adipose tissue mass: An in vivo imaging approach. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 12985-90	11.5	31
38	Serum insulin-like growth factor-1 concentrations are reduced in severely obese women and raise after weight loss induced by laparoscopic adjustable gastric banding. <i>Obesity Surgery</i> , 2012 , 22, 1276-80	3.7	30
37	Plasma leptin levels in newborns from normal and diabetic mothers. <i>Hormone and Metabolic Research</i> , 1998 , 30, 575-80	3.1	30
36	Acute and prolonged administration of glucocorticoids (methylprednisolone) does not affect plasma leptin concentration in humans. <i>International Journal of Obesity</i> , 1997 , 21, 327-30	5.5	29
35	Vascular dysfunction in a mouse model of Rett syndrome and effects of curcumin treatment. <i>PLoS ONE</i> , 2013 , 8, e64863	3.7	29
34	Roles of skeletal muscle and peroxisome proliferator-activated receptors in the development and treatment of obesity. <i>Endocrine Reviews</i> , 2006 , 27, 318-29	27.2	28

33	Effects of acute or prolonged exposure to human leptin on isolated human islet function. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 256, 637-41	3.4	28
32	Continually high insulin levels impair Akt phosphorylation and glucose transport in human myoblasts. <i>Metabolism: Clinical and Experimental</i> , 2005 , 54, 1687-93	12.7	27
31	Obesity-associated hepatosteatosis and impairment of glucose homeostasis are attenuated by haptoglobin deficiency. <i>Diabetes</i> , 2011 , 60, 2496-505	0.9	23
30	Artificial neural networks in the outcome prediction of adjustable gastric banding in obese women. <i>PLoS ONE</i> , 2010 , 5, e13624	3.7	23
29	Environment, leptin sensitivity, and hypothalamic plasticity. <i>Neural Plasticity</i> , 2013 , 2013, 438072	3.3	22
28	The antidepressant fluoxetine acts on energy balance and leptin sensitivity via BDNF. <i>Scientific Reports</i> , 2018 , 8, 1781	4.9	20
27	Melanocortin-4 receptor mutations in obesity. <i>Advances in Clinical Chemistry</i> , 2009 , 48, 95-109	5.8	18
26	Human serotonin transporter expression during megakaryocytic differentiation of MEG-01 cells. <i>Neurochemical Research</i> , 2010 , 35, 628-35	4.6	15
25	Synthesis of 2,3-Bis(acetoxymethyl)bicyclo[2.2.1]hepta-2,5-diene and Its Use in Palladium-Catalyzed Elimination. <i>Journal of Organic Chemistry</i> , 1995 , 60, 852-855	4.2	14
24	Serum IGF-binding protein 2 (IGFBP-2) concentrations change early after gastric bypass bariatric surgery revealing a possible marker of leptin sensitivity in obese subjects. <i>Endocrine</i> , 2019 , 65, 86-93	4	13
23	Lipodystrophy and obesity are associated with decreased number of T cells with regulatory function and pro-inflammatory macrophage phenotype. <i>International Journal of Obesity</i> , 2017 , 41, 1676-1684	5.5	12
22	The expression of platelet serotonin transporter (SERT) in human obesity. <i>BMC Neuroscience</i> , 2013 , 14, 128	3.2	12
21	Serotonin transporter (SERT) and translocator protein (TSPO) expression in the obese ob/ob mouse. <i>BMC Neuroscience</i> , 2011 , 12, 18	3.2	12
20	Intraocular delivery of BDNF following visual cortex lesion upregulates cytosolic branched chain aminotransferase (BCATc) in the rat dorsal lateral geniculate nucleus. <i>European Journal of Neuroscience</i> , 2004 , 20, 580-6	3.5	11
19	Fuel homeostasis and locomotor behavior: role of leptin and melanocortin pathways. <i>Journal of Endocrinological Investigation</i> , 2015 , 38, 125-31	5.2	10
18	Adipocytes differentiation in the presence of Pluronic F127-coated carbon nanotubes. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2009 , 5, 378-81	6	10
17	Haptoglobin deficiency determines changes in adipocyte size and adipogenesis. <i>Adipocyte</i> , 2012 , 1, 142-148	3.83	10
16	Free fatty acids as mediators of adaptive compensatory responses to insulin resistance in dexamethasone-treated rats. <i>Diabetes/Metabolism Research and Reviews</i> , 2008 , 24, 155-64	7.5	10

15	Fluoxetine Modulates the Activity of Hypothalamic POMC Neurons via mTOR Signaling. <i>Molecular Neurobiology</i> , 2018 , 55, 9267-9279	6.2	9
14	Vascular Function Is Improved After an Environmental Enrichment Program: The Train the Brain-Mind the Vessel Study. <i>Hypertension</i> , 2018 , 71, 1218-1225	8.5	9
13	Ciliary Neurotrophic Factor Acts on Distinctive Hypothalamic Arcuate Neurons and Promotes Leptin Entry Into and Action on the Mouse Hypothalamus. <i>Frontiers in Cellular Neuroscience</i> , 2020 , 14, 140	6.1	8
12	Congenital Generalized Lipoatrophy (Berardinelli-Seip Syndrome) Type 1: Description of Novel Homozygous Variants Showing the Highly Heterogeneous Presentation of the Disease. <i>Frontiers in Endocrinology</i> , 2020 , 11, 39	5.7	7
11	Description of an AGPAT2 pathologic allelic variant in a 54-year-old Caucasian woman with Berardinelli-Seip syndrome. <i>Acta Diabetologica</i> , 2011 , 48, 243-6	3.9	7
10	ICH3, a selective alpha7 nicotinic acetylcholine receptor agonist, modulates adipocyte inflammation associated with obesity. <i>Journal of Endocrinological Investigation</i> , 2020 , 43, 983-993	5.2	4
9	The extracellular portion of the insulin receptor beta-subunit regulates the cellular trafficking of the insulin-insulin receptor complex. Studies on Chinese hamster ovary cells carrying the Cys 860-->Ser insulin receptor mutation. <i>European Journal of Endocrinology</i> , 2003 , 148, 365-71	6.5	3
8	Haptoglobin and body mass index. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 594; author reply 594-5	5.6	3
7	Leptin, the brain and energy homeostasis: From an apparently simple to a highly complex neuronal system. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2021 , 1	10.5	3
6	ERK1 nucleocytoplasmic shuttling rate depends on specific N-terminal aminoacids. <i>Biochemical and Biophysical Research Communications</i> , 2010 , 398, 166-72	3.4	2
5	Reduced ccl11/eotaxin mediates the beneficial effects of environmental stimulation on the aged hippocampus. <i>Brain, Behavior, and Immunity</i> , 2021 , 98, 234-244	16.6	2
4	Discovery of Leptin and Elucidation of Leptin Gene Expression 2015 , 1-14		1
3	Atypical Progeroid Syndrome and Partial Lipodystrophy Due to Gene p.R349W Mutation. <i>Journal of the Endocrine Society</i> , 2020 , 4, bvaa108	0.4	1
2	Le adipochine: struttura, funzione e significato clinico. <i>L Endocrinologo</i> , 2012 , 13, 64-71	0	
1	Frequency of the GPR7 Tyr135Phe allelic variant in lean and obese subjects. <i>Journal of Endocrinological Investigation</i> , 2013 , 36, 712-5	5.2	