Margherita Maffei

List of Publications by Year in Descending Order

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	Leptin, the brain and energy homeostasis: From an apparently simple to a highly complex neuronal system. *Reviews in Endocrine and Metabolic Disorders*, **2021**, 1	10.5	3
67	Reduced ccl11/eotaxin mediates the beneficial effects of environmental stimulation on the aged hippocampus. *Brain, Behavior, and Immunity*, **2021**, 98, 234-244	16.6	2
66	Congenital Generalized Lipoatrophy (Berardinelli-Seip Syndrome) Type 1: Description of Novel Homozygous Variants Showing the Highly Heterogeneous Presentation of the Disease. *Frontiers in Endocrinology*, **2020**, 11, 39	5.7	7
65	ICH3, a selective alpha7 nicotinic acetylcholine receptor agonist, modulates adipocyte inflammation associated with obesity. *Journal of Endocrinological Investigation*, **2020**, 43, 983-993	5.2	4
64	Ciliary Neurotrophic Factor Acts on Distinctive Hypothalamic Arcuate Neurons and Promotes Leptin Entry Into and Action on the Mouse Hypothalamus. *Frontiers in Cellular Neuroscience*, **2020**, 14, 140	6.1	8
63	Atypical Progeroid Syndrome and Partial Lipodystrophy Due to Gene p.R349W Mutation. *Journal of the Endocrine Society*, **2020**, 4, bvaa108	0.4	1
62	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. *Endocrine*, **2019**, 65, 86-93	4	13
61	Fluoxetine Modulates the Activity of Hypothalamic POMC Neurons via mTOR Signaling. *Molecular Neurobiology*, **2018**, 55, 9267-9279	6.2	9
60	Vascular Function Is Improved After an Environmental Enrichment Program: The Train the Brain-Mind the Vessel Study. *Hypertension*, **2018**, 71, 1218-1225	8.5	9
59	The antidepressant fluoxetine acts on energy balance and leptin sensitivity via BDNF. *Scientific Reports*, **2018**, 8, 1781	4.9	20
58	Randomized trial on the effects of a combined physical/cognitive training in aged MCI subjects: the Train the Brain study. *Scientific Reports*, **2017**, 7, 39471	4.9	76
57	Lipodystrophy and obesity are associated with decreased number of T cells with regulatory function and pro-inflammatory macrophage phenotype. *International Journal of Obesity*, **2017**, 41, 1676-1684	5.5	12
56	The Multifaceted Haptoglobin in the Context of Adipose Tissue and Metabolism. *Endocrine Reviews*, **2016**, 37, 403-16	27.2	38
55	Fuel homeostasis and locomotor behavior: role of leptin and melanocortin pathways. *Journal of Endocrinological Investigation*, **2015**, 38, 125-31	5.2	10
54	Discovery of Leptin and Elucidation of Leptin Gene Expression **2015**, 1-14		1
53	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. *Metabolism: Clinical and Experimental*, **2014**, 63, 1385-9	12.7	39
52	Haptoglobin is required to prevent oxidative stress and muscle atrophy. *PLoS ONE*, **2014**, 9, e100745	3.7	35

51	Permanence of molecular features of obesity in subcutaneous adipose tissue of ex-obese subjects. *International Journal of Obesity*, **2013**, 37, 867-73	5.5	31
50	The expression of platelet serotonin transporter (SERT) in human obesity. *BMC Neuroscience*, **2013**, 14, 128	3.2	12
49	Environment, leptin sensitivity, and hypothalamic plasticity. *Neural Plasticity*, **2013**, 2013, 438072	3.3	22
48	Vascular dysfunction in a mouse model of Rett syndrome and effects of curcumin treatment. *PLoS ONE*, **2013**, 8, e64863	3.7	29
47	Frequency of the GPR7 Tyr135Phe allelic variant in lean and obese subjects. *Journal of Endocrinological Investigation*, **2013**, 36, 712-5	5.2	
46	Le adipochine: struttura, funzione e significato clinico. *L Endocrinologo*, **2012**, 13, 64-71	0	
45	Serum insulin-like growth factor-1 concentrations are reduced in severely obese women and raise after weight loss induced by laparoscopic adjustable gastric banding. *Obesity Surgery*, **2012**, 22, 1276-80	3.7	30
44	Haptoglobin deficiency determines changes in adipocyte size and adipogenesis. *Adipocyte*, **2012**, 1, 142-183	3.3	10
43	Haptoglobin activates innate immunity to enhance acute transplant rejection in mice. *Journal of Clinical Investigation*, **2012**, 122, 383-7	15.9	46
42	Obesity-associated hepatosteatosis and impairment of glucose homeostasis are attenuated by haptoglobin deficiency. *Diabetes*, **2011**, 60, 2496-505	0.9	23
41	Description of an AGPAT2 pathologic allelic variant in a 54-year-old Caucasian woman with Berardinelli-Seip syndrome. *Acta Diabetologica*, **2011**, 48, 243-6	3.9	7
40	Serotonin transporter (SERT) and translocator protein (TSPO) expression in the obese ob/ob mouse. *BMC Neuroscience*, **2011**, 12, 18	3.2	12
39	Human leptin tissue distribution, but not weight loss-dependent change in expression, is associated with methylation of its promoter. *Epigenetics*, **2011**, 6, 1198-206	5.7	46
38	Artificial neural networks in the outcome prediction of adjustable gastric banding in obese women. *PLoS ONE*, **2010**, 5, e13624	3.7	23
37	Acute exogenous TSH administration stimulates leptin secretion in vivo. *European Journal of Endocrinology*, **2010**, 163, 63-7	6.5	46
36	A sensitive period for environmental regulation of eating behavior and leptin sensitivity. *Proceedings of the National Academy of Sciences of the United States of America*, **2010**, 107, 16673-8	11.5	38
35	ERK1 nucleocytoplasmic shuttling rate depends on specific N-terminal aminoacids. *Biochemical and Biophysical Research Communications*, **2010**, 398, 166-72	3.4	2
34	Human serotonin transporter expression during megakaryocytic differentiation of MEG-01 cells. *Neurochemical Research*, **2010**, 35, 628-35	4.6	15

33	Chapter 4 Melanocortin-4 Receptor Mutations In Obesity. *Advances in Clinical Chemistry*, **2009**, 48, 95-109	3.8	46
32	The obesity and inflammatory marker haptoglobin attracts monocytes via interaction with chemokine (C-C motif) receptor 2 (CCR2). *BMC Biology*, **2009**, 7, 87	7.3	40
31	Adipocytes differentiation in the presence of Pluronic F127-coated carbon nanotubes. *Nanomedicine: Nanotechnology, Biology, and Medicine*, **2009**, 5, 378-81	6	10
30	Melanocortin-4 receptor mutations in obesity. *Advances in Clinical Chemistry*, **2009**, 48, 95-109	5.8	18
29	Cellular program controlling the recovery of adipose tissue mass: An in vivo imaging approach. *Proceedings of the National Academy of Sciences of the United States of America*, **2008**, 105, 12985-90	11.5	31
28	Free fatty acids as mediators of adaptive compensatory responses to insulin resistance in dexamethasone-treated rats. *Diabetes/Metabolism Research and Reviews*, **2008**, 24, 155-64	7.5	10
27	Cathepsin K null mice show reduced adiposity during the rapid accumulation of fat stores. *PLoS ONE*, **2007**, 2, e683	3.7	44
26	Roles of skeletal muscle and peroxisome proliferator-activated receptors in the development and treatment of obesity. *Endocrine Reviews*, **2006**, 27, 318-29	27.2	28
25	Gene expression in ductus arteriosus and aorta: comparison of birth and oxygen effects. *Physiological Genomics*, **2006**, 25, 250-62	3.6	44
24	Continually high insulin levels impair Akt phosphorylation and glucose transport in human myoblasts. *Metabolism: Clinical and Experimental*, **2005**, 54, 1687-93	12.7	27
23	Haptoglobin and body mass index. *Journal of Clinical Endocrinology and Metabolism*, **2005**, 90, 594; author reply 594-5	5.6	3
22	Genetic screening for melanocortin-4 receptor mutations in a cohort of Italian obese patients: description and functional characterization of a novel mutation. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 904-8	5.6	39
21	Serum haptoglobin: a novel marker of adiposity in humans. *Journal of Clinical Endocrinology and Metabolism*, **2004**, 89, 2678-83	5.6	99
20	Intraocular delivery of BDNF following visual cortex lesion upregulates cytosolic branched chain aminotransferase (BCATc) in the rat dorsal lateral geniculate nucleus. *European Journal of Neuroscience*, **2004**, 20, 580-6	3.5	11
19	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. *European Journal of Endocrinology*, **2003**, 148, 365-71	6.5	3
18	Identification of cathepsin K as a novel marker of adiposity in white adipose tissue. *Journal of Cellular Physiology*, **2003**, 195, 309-21	7	60
17	Characterization of the long pentraxin PTX3 as a TNFalpha-induced secreted protein of adipose cells. *Journal of Lipid Research*, **2003**, 44, 994-1000	6.3	109
16	Obesity modulates the expression of haptoglobin in the white adipose tissue via TNFalpha. *Journal of Cellular Physiology*, **2002**, 190, 251-8	7	69

15	Effects of acute or prolonged exposure to human leptin on isolated human islet function. *Biochemical and Biophysical Research Communications*, **1999**, 256, 637-41	3.4	28
14	Plasma leptin levels in newborns from normal and diabetic mothers. *Hormone and Metabolic Research*, **1998**, 30, 575-80	3.1	30
13	Adipose tissue ob mRNA expression in humans: discordance with plasma leptin and relationship with adipose TNF expression. *Journal of Lipid Research*, **1998**, 39, 724-730	6.3	38
12	Adipose tissue ob mRNA expression in humans: discordance with plasma leptin and relationship with adipose TNFalpha expression. *Journal of Lipid Research*, **1998**, 39, 724-30	6.3	35
11	Acute and prolonged administration of glucocorticoids (methylprednisolone) does not affect plasma leptin concentration in humans. *International Journal of Obesity*, **1997**, 21, 327-30	5.5	29
10	Relatively low plasma leptin concentrations precede weight gain in Pima Indians. *Nature Medicine*, **1997**, 3, 238-40	50.5	216
9	Absence of mutations in the human OB gene in obese/diabetic subjects. *Diabetes*, **1996**, 45, 679-82	0.9	145
8	Absence of mutations in the human OB gene in obese/diabetic subjects. *Diabetes*, **1996**, 45, 679-682	0.9	41
7	Synthesis of 2,3-Bis(acetoxymethyl)bicyclo[2.2.1]hepta-2,5-diene and Its Use in Palladium-Catalyzed Elimination. *Journal of Organic Chemistry*, **1995**, 60, 852-855	4.2	14
6	Weight-reducing effects of the plasma protein encoded by the obese gene. *Science*, **1995**, 269, 543-6	33.3	3959
5	The human obese (OB) gene: RNA expression pattern and mapping on the physical, cytogenetic, and genetic maps of chromosome 7. *Genome Research*, **1995**, 5, 5-12	9.7	153
4	Leptin levels in human and rodent: measurement of plasma leptin and ob RNA in obese and weight-reduced subjects. *Nature Medicine*, **1995**, 1, 1155-61	50.5	3054
3	Increased expression in adipocytes of ob RNA in mice with lesions of the hypothalamus and with mutations at the db locus. *Proceedings of the National Academy of Sciences of the United States of America*, **1995**, 92, 6957-60	11.5	379
2	Positional cloning of the mouse obese gene and its human homologue. *Nature*, **1994**, 372, 425-32	50.4	10734
1	Cloning and developmental expression of LFB3/HNF1 beta transcription factor in Xenopus laevis. *Mechanisms of Development*, **1994**, 47, 19-28	1.7	47