

# Massimiliano Caprio

## List of Publications by Citations

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112  
papers

4,822  
citations

36  
h-index

68  
g-index

140  
ext. papers

5,744  
ext. citations

5.3  
avg, IF

5.61  
L-index

#	Paper	IF	Citations
112	The miRNA-212/132 family regulates both cardiac hypertrophy and cardiomyocyte autophagy. <i>Nature Communications</i> , <b>2012</b> , 3, 1078	17.4	406
111	Leptin and androgens in male obesity: evidence for leptin contribution to reduced androgen levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1999</b> , 84, 3673-80	5.6	356
110	Leptin and Androgens in Male Obesity: Evidence for Leptin Contribution to Reduced Androgen Levels. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>1999</b> , 84, 3673-3680	5.6	305
109	Leptin in reproduction. <i>Trends in Endocrinology and Metabolism</i> , <b>2001</b> , 12, 65-72	8.8	241
108	Pivotal role of the mineralocorticoid receptor in corticosteroid-induced adipogenesis. <i>FASEB Journal</i> , <b>2007</b> , 21, 2185-94	0.9	239
107	Expression of functional leptin receptors in rodent Leydig cells. <i>Endocrinology</i> , <b>1999</b> , 140, 4939-47	4.8	206
106	Functional mineralocorticoid receptors in human vascular endothelial cells regulate intercellular adhesion molecule-1 expression and promote leukocyte adhesion. <i>Circulation Research</i> , <b>2008</b> , 102, 1359-67	15.7	204
105	Leptin and aging: correlation with endocrine changes in male and female healthy adult populations of different body weights. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2000</b> , 85, 1954-62	5.6	178
104	Androgens and penile erection: evidence for a direct relationship between free testosterone and cavernous vasodilation in men with erectile dysfunction. <i>Clinical Endocrinology</i> , <b>2000</b> , 53, 517-22	3.4	154
103	Cellular models for understanding adipogenesis, adipose dysfunction, and obesity. <i>Journal of Cellular Biochemistry</i> , <b>2010</b> , 110, 564-72	4.7	112
102	Antiadipogenic effects of the mineralocorticoid receptor antagonist drospirenone: potential implications for the treatment of metabolic syndrome. <i>Endocrinology</i> , <b>2011</b> , 152, 113-25	4.8	102
101	Mineralocorticoid receptor antagonism induces browning of white adipose tissue through impairment of autophagy and prevents adipocyte dysfunction in high-fat-diet-fed mice. <i>FASEB Journal</i> , <b>2014</b> , 28, 3745-57	0.9	100
100	The role of the mineralocorticoid receptor in adipocyte biology and fat metabolism. <i>Molecular and Cellular Endocrinology</i> , <b>2012</b> , 350, 281-8	4.4	91
99	Vitamin D: not just the bone. Evidence for beneficial pleiotropic extraskeletal effects. <i>Eating and Weight Disorders</i> , <b>2017</b> , 22, 27-41	3.6	91
98	Very-low-calorie ketogenic diet (VLCKD) in the management of metabolic diseases: systematic review and consensus statement from the Italian Society of Endocrinology (SIE). <i>Journal of Endocrinological Investigation</i> , <b>2019</b> , 42, 1365-1386	5.2	84
97	SAT-LB106 Metabolic and Brown Adipose Tissue-Specific Effects of the Novel Non-Steroidal Mineralocorticoid Receptor Antagonist Finerenone in a Mouse Model of Diet-Induced Obesity. <i>Journal of the Endocrine Society</i> , <b>2020</b> , 4,	0.4	78
96	L-Leucine Supplementation for Preserving Lean Mass During Low Calorie Diet in Sarcopenic Obese Women: A Pilot Study. <i>Journal of the Endocrine Society</i> , <b>2021</b> , 5, A19-A19	0.4	78

95	Aldosterone increases early atherosclerosis and promotes plaque inflammation through a placental growth factor-dependent mechanism. <i>Journal of the American Heart Association</i> , <b>2013</b> , 2, e000018	6	73
94	Different inactivating mutations of the mineralocorticoid receptor in fourteen families affected by type I pseudohypoaldosteronism. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2003</b> , 88, 2508-17	5.6	72
93	Liraglutide improves metabolic parameters and carotid intima-media thickness in diabetic patients with the metabolic syndrome: an 18-month prospective study. <i>Cardiovascular Diabetology</i> , <b>2016</b> , 15, 162	8.7	66
92	RANKL/RANK/OPG system beyond bone remodeling: involvement in breast cancer and clinical perspectives. <i>Journal of Experimental and Clinical Cancer Research</i> , <b>2019</b> , 38, 12	12.8	66
91	Essential role of ICAM-1 in aldosterone-induced atherosclerosis. <i>International Journal of Cardiology</i> , <b>2017</b> , 232, 233-242	3.2	65
90	Androgens and adipose tissue in males: a complex and reciprocal interplay. <i>International Journal of Endocrinology</i> , <b>2012</b> , 2012, 789653	2.7	65
89	Mineralocorticoid receptors in the metabolic syndrome. <i>Trends in Endocrinology and Metabolism</i> , <b>2009</b> , 20, 444-51	8.8	59
88	Influence of Vitamin D on Islet Autoimmunity and Beta-Cell Function in Type 1 Diabetes. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	56
87	Ontogenesis of leptin receptor in rat Leydig cells. <i>Biology of Reproduction</i> , <b>2003</b> , 68, 1199-207	3.9	54
86	Effects of a ketogenic diet in overweight women with polycystic ovary syndrome. <i>Journal of Translational Medicine</i> , <b>2020</b> , 18, 104	8.5	51
85	Inactivating mutations of the mineralocorticoid receptor in Type I pseudohypoaldosteronism. <i>Molecular and Cellular Endocrinology</i> , <b>2004</b> , 217, 119-25	4.4	51
84	ACTH and alpha-MSH inhibit leptin expression and secretion in 3T3-L1 adipocytes: model for a central-peripheral melanocortin-leptin pathway. <i>Molecular and Cellular Endocrinology</i> , <b>2003</b> , 200, 99-109	4.4	45
83	Molecular mechanisms underlying metabolic syndrome: the expanding role of the adipocyte. <i>FASEB Journal</i> , <b>2017</b> , 31, 4240-4255	0.9	43
82	The ENDOTRIAL study: a spontaneous, open-label, randomized, multicenter, crossover study on the efficacy of sildenafil, tadalafil, and vardenafil in the treatment of erectile dysfunction. <i>Journal of Sexual Medicine</i> , <b>2009</b> , 6, 2547-60	1.1	41
81	Anxiety-induced failure in erectile response to intracorporeal prostaglandin-E1 in non-organic male impotence: a new diagnostic approach. <i>Journal of Developmental and Physical Disabilities</i> , <b>1996</b> , 19, 307-13		41
80	Mineralocorticoid receptor in adipocytes and macrophages: a promising target to fight metabolic syndrome. <i>Steroids</i> , <b>2014</b> , 91, 46-53	2.8	40
79	The functional c.-2G>C variant of the mineralocorticoid receptor modulates blood pressure, renin, and aldosterone levels. <i>Hypertension</i> , <b>2010</b> , 56, 995-1002	8.5	40
78	Role of mineralocorticoid receptor and renin-angiotensin-aldosterone system in adipocyte dysfunction and obesity. <i>Journal of Steroid Biochemistry and Molecular Biology</i> , <b>2013</b> , 137, 99-106	5.1	37

77	Sildenafil reduces insulin-resistance in human endothelial cells. <i>PLoS ONE</i> , <b>2011</b> , 6, e14542	3.7	37
76	Phosphodiesterase type 5 (PDE5) in the adipocyte: a novel player in fat metabolism?. <i>Trends in Endocrinology and Metabolism</i> , <b>2011</b> , 22, 404-11	8.8	36
75	Vitamin D: a novel player in endothelial function and dysfunction. <i>Archives of Medical Science</i> , <b>2012</b> , 8, 4-5	2.9	35
74	Hypogonadism in a patient with two novel mutations of the luteinizing hormone $\beta$ subunit gene expressed in a compound heterozygous form. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2012</b> , 97, 3031-8	5.6	35
73	Androgen receptor expression during C2C12 skeletal muscle cell line differentiation. <i>Molecular and Cellular Endocrinology</i> , <b>2008</b> , 292, 11-9	4.4	34
72	Ketogenic diet in migraine: rationale, findings and perspectives. <i>Neurological Sciences</i> , <b>2017</b> , 38, 111-115	3.5	33
71	Exposure to phosphodiesterase type 5 inhibitors stimulates aromatase expression in human adipocytes in vitro. <i>Journal of Sexual Medicine</i> , <b>2011</b> , 8, 696-704	1.1	31
70	Endothelial Mineralocorticoid Receptors Contribute to Vascular Inflammation in Atherosclerosis in a Sex-Specific Manner. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , <b>2019</b> , 39, 1588-1601	9.4	29
69	Penile pharmacotesting in diagnosing male erectile dysfunction: evidence for lack of accuracy and specificity. <i>Journal of Developmental and Physical Disabilities</i> , <b>2002</b> , 25, 6-10		29
68	Mineralocorticoid Receptors in Metabolic Syndrome: From Physiology to Disease. <i>Trends in Endocrinology and Metabolism</i> , <b>2020</b> , 31, 205-217	8.8	27
67	Role of Aldosterone and Mineralocorticoid Receptor in Cardiovascular Aging. <i>Frontiers in Endocrinology</i> , <b>2019</b> , 10, 584	5.7	26
66	Hsp90 blockers inhibit adipocyte differentiation and fat mass accumulation. <i>PLoS ONE</i> , <b>2014</b> , 9, e94127	3.7	25
65	Endothelial effects of drugs designed to treat erectile dysfunction. <i>Current Pharmaceutical Design</i> , <b>2008</b> , 14, 3768-78	3.3	24
64	A novel combined glucocorticoid-mineralocorticoid receptor selective modulator markedly prevents weight gain and fat mass expansion in mice fed a high-fat diet. <i>International Journal of Obesity</i> , <b>2016</b> , 40, 964-72	5.5	23
63	Impact of Adrenal Steroids on Regulation of Adipose Tissue. <i>Comprehensive Physiology</i> , <b>2017</b> , 7, 1425-1447	4.7	22
62	Microvascular inflammation in atherosclerosis. <i>IJC Metabolic &amp; Endocrine</i> , <b>2014</b> , 3, 1-7		21
61	Cellular mechanisms of MR regulation of adipose tissue physiology and pathophysiology. <i>Journal of Molecular Endocrinology</i> , <b>2015</b> , 55, R1-10	4.5	19
60	The mineralocorticoid receptor in endothelial physiology and disease: novel concepts in the understanding of erectile dysfunction. <i>Current Pharmaceutical Design</i> , <b>2008</b> , 14, 3749-57	3.3	17

59	The dark side of the spoon - glucose, ketones and COVID-19: a possible role for ketogenic diet?. <i>Journal of Translational Medicine</i> , <b>2020</b> , 18, 441	8.5	17
58	Gender differences in taste and foods habits. <i>Nutrition and Food Science</i> , <b>2019</b> , 50, 229-239	1.5	16
57	Mineralocorticoid Receptor and Aldosterone-Related Biomarkers of End-Organ Damage in Cardiometabolic Disease. <i>Biomolecules</i> , <b>2018</b> , 8,	5.9	16
56	The novel non-steroidal MR antagonist finerenone improves metabolic parameters in high-fat diet-fed mice and activates brown adipose tissue via AMPK-ATGL pathway. <i>FASEB Journal</i> , <b>2020</b> , 34, 12450-12465	9.0	15
55	Hydroxychloroquine in the COVID-19 pandemic era: in pursuit of a rational use for prophylaxis of SARS-CoV-2 infection. <i>Expert Review of Anti-Infective Therapy</i> , <b>2021</b> , 19, 5-16	5.5	15
54	Mineralocorticoid vs glucocorticoid receptors: solo players or team mates in the control of adipogenesis?. <i>International Journal of Obesity</i> , <b>2014</b> , 38, 1580-1	5.5	14
53	Gender specific aspects of cell death in the cardiovascular system. <i>Current Pharmaceutical Design</i> , <b>2011</b> , 17, 1046-55	3.3	14
52	Could ketogenic diet "starve" cancer? Emerging evidence. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2020</b> , 1-22	11.5	14
51	Effects of Two Months of Very Low Carbohydrate Ketogenic Diet on Body Composition, Muscle Strength, Muscle Area, and Blood Parameters in Competitive Natural Body Builders. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	13
50	Omega-3 PUFAs and vitamin D co-supplementation as a safe-effective therapeutic approach for core symptoms of autism spectrum disorder: case report and literature review. <i>Nutritional Neuroscience</i> , <b>2020</b> , 23, 779-790	3.6	12
49	Very-Low-Calorie Ketogenic Diet as a Safe and Valuable Tool for Long-Term Glycemic Management in Patients with Obesity and Type 2 Diabetes. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	11
48	Approach to hyponatremia according to the clinical setting: Consensus statement from the Italian Society of Endocrinology (SIE), Italian Society of Nephrology (SIN), and Italian Association of Medical Oncology (AIOM). <i>Journal of Endocrinological Investigation</i> , <b>2018</b> , 41, 3-19	5.2	11
47	The SIAMS-ED Trial: A National, Independent, Multicentre Study on Cardiometabolic and Hormonal Impairment of Men with Erectile Dysfunction Treated with Vardenafil. <i>International Journal of Endocrinology</i> , <b>2014</b> , 2014, 858715	2.7	10
46	Neuroendocrine and Metabolic Effects of Low-Calorie and Non-Calorie Sweeteners. <i>Frontiers in Endocrinology</i> , <b>2020</b> , 11, 444	5.7	10
45	Exercise training reduces serum capacity to induce endothelial cell death in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , <b>2011</b> , 13, 642-50	12.3	9
44	Long-term metformin therapy and vitamin B12 deficiency: An association to bear in mind. <i>World Journal of Diabetes</i> , <b>2021</b> , 12, 916-931	4.7	9
43	Androgens and cardiovascular disease: gender-related differences. <i>Menopause International</i> , <b>2013</b> , 19, 82-6		8
42	Sarcopenic obesity: etiology and lifestyle therapy. <i>European Review for Medical and Pharmacological Sciences</i> , <b>2019</b> , 23, 7152-7162	2.9	8

41	Pathologic endothelial response and impaired function of circulating angiogenic cells in patients with Fabry disease. <i>Basic Research in Cardiology</i> , <b>2013</b> , 108, 311	11.8	7
40	Nutritional guidelines for the management of insulin resistance. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-14	11.5	7
39	Association of Urinary and Plasma Levels of Trimethylamine N-Oxide (TMAO) with Foods. <i>Nutrients</i> , <b>2021</b> , 13,	6.7	7
38	Adipocyte Mineralocorticoid Receptor. <i>Vitamins and Hormones</i> , <b>2019</b> , 109, 189-209	2.5	6
37	Minor role of mature adipocyte mineralocorticoid receptor in high fat induced obesity. <i>Journal of Endocrinology</i> , <b>2018</b> ,	4.7	6
36	Potential role of progestogens in the control of adipose tissue and salt sensitivity via interaction with the mineralocorticoid receptor. <i>Climacteric</i> , <b>2008</b> , 11, 258-64	3.1	6
35	Exploring the Role of Skeletal Muscle in Insulin Resistance: Lessons from Cultured Cells to Animal Models. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	6
34	Tyrosol May Prevent Obesity by Inhibiting Adipogenesis in 3T3-L1 Preadipocytes. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2020</b> , 2020, 4794780	6.7	5
33	Altered Tregs Differentiation and Impaired Autophagy Correlate to Atherosclerotic Disease. <i>Frontiers in Immunology</i> , <b>2020</b> , 11, 350	8.4	5
32	Losing Weight after Menopause with Minimal Aerobic Training and Mediterranean Diet. <i>Nutrients</i> , <b>2020</b> , 12,	6.7	5
31	Induction of Atherosclerotic Plaques Through Activation of Mineralocorticoid Receptors in Apolipoprotein E-deficient Mice. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	5
30	Effects of Quality and Quantity of Protein Intake for Type 2 Diabetes Mellitus Prevention and Metabolic Control. <i>Current Nutrition Reports</i> , <b>2020</b> , 9, 329-337	6	4
29	VITAL study: an incomplete picture?. <i>European Review for Medical and Pharmacological Sciences</i> , <b>2019</b> , 23, 3142-3147	2.9	4
28	Comment on "mineralocorticoid antagonism enhances brown adipose tissue function in humans: A randomized placebo-controlled cross-over study". <i>Diabetes, Obesity and Metabolism</i> , <b>2019</b> , 21, 2024-2026	6.7	3
27	Class-specific responses of brown adipose tissue to steroidal and nonsteroidal mineralocorticoid receptor antagonists. <i>Journal of Endocrinological Investigation</i> , <b>2021</b> , 1	5.2	3
26	Long-Term Iron and Vitamin B12 Deficiency Are Present after Bariatric Surgery, Despite the Widespread Use of Supplements. <i>International Journal of Environmental Research and Public Health</i> , <b>2021</b> , 18,	4.6	2
25	Canrenone on cardiovascular mortality in congestive heart failure: CanrenOne eFFects on cardiovascular mortality in patiEnts with congEstlve hearT failure: The COFFEE-IT study. <i>Pharmacological Research</i> , <b>2019</b> , 141, 46-52	10.2	2
24	Spot-light on microbiota in obesity and cancer. <i>International Journal of Obesity</i> , <b>2021</b> , 45, 2291-2299	5.5	2

23	Dynamic testing in the evaluation of male gonadal function. <i>Journal of Endocrinological Investigation</i> , <b>2003</b> , 26, 107-13	5.2	2
22	Bisphosphonates and adipogenesis: Evidence for alendronate inhibition of adipocyte differentiation in 3T3-L1 preadipocytes through a vitamin D receptor mediated effect. <i>Natural Science</i> , <b>2013</b> , 05, 955-962	0.5	1
21	Effects of 30 days of ketogenic diet on body composition, muscle strength, muscle area, metabolism, and performance in semi-professional soccer players. <i>Journal of the International Society of Sports Nutrition</i> , <b>2021</b> , 18, 62	4.5	1
20	Nutritional management of type 2 diabetes in subjects with obesity: an international guideline for clinical practice. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2021</b> , 1-13	11.5	1
19	Nonsteroidal mineralcorticoid receptor antagonists: Novel therapeutic implication in the management of patients with type 2 diabetes. <i>Current Opinion in Pharmacology</i> , <b>2021</b> , 60, 216-225	5.1	1
18	Could very low-calorie ketogenic diets turn off low grade inflammation in obesity? Emerging evidence.. <i>Critical Reviews in Food Science and Nutrition</i> , <b>2022</b> , 1-17	11.5	1
17	Diabetes-Modifying Antirheumatic Drugs: The Roles of DMARDs as Glucose-Lowering Agents. <i>Medicina (Lithuania)</i> , <b>2022</b> , 58, 571	3.1	1
16	Clinical and nutritional management of very-low-calorie ketogenic diet (VLCKD) in patients with psoriasis and obesity: a practical guide for the nutritionist. <i>Critical Reviews in Food Science and Nutrition</i> , 1-17	11.5	1
15	VLCKD in Combination with Physical Exercise Preserves Skeletal Muscle Mass in Sarcopenic Obesity after Severe COVID-19 Disease: A Case Report.. <i>Healthcare (Switzerland)</i> , <b>2022</b> , 10,	3.4	0
14	Influence of Nutritional Status and Physical Exercise on Immune Response in Metabolic Syndrome. <i>Nutrients</i> , <b>2022</b> , 14, 2054	6.7	0
13	PO-01-007 Effects of nutraceuticals on sexual satisfaction and lower urinary tract symptoms in a cohort of young/old men. <i>Journal of Sexual Medicine</i> , <b>2019</b> , 16, S50	1.1	
12	PS-05-003 The role of nutritional intervention in the treatment of male hypogonadism secondary to obesity. <i>Journal of Sexual Medicine</i> , <b>2019</b> , 16, S14	1.1	
11	Recettore mineralcorticoid e organo adiposo: implicazioni cliniche e terapeutiche. <i>L Endocrinologo</i> , <b>2016</b> , 17, 73-77	0	
10	Come avviare il paziente obeso alla terapia chetogenica. <i>L Endocrinologo</i> , <b>2019</b> , 20, 196-201	0	
9	Effetti extra-renali dei mineralcorticoidi: non solo sale!. <i>L Endocrinologo</i> , <b>2017</b> , 18, 219-223	0	
8	Tessuto adiposo e riproduzione. <i>L Endocrinologo</i> , <b>2001</b> , 2, 53-64	0	
7	Introduction: Causes and Risk Factors for Male Osteoporosis. <i>Trends in Andrology and Sexual Medicine</i> , <b>2020</b> , 51-65	0.5	
6	Myeloid mineralocorticoid receptor activation alters metabolism in HFD-salt fed mice. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	



- 5 Ritmi circadiani e variabili metaboliche. *L Endocrinologo*,1 0
- 4 Sex Differences in the Role of the Endothelial Mineralocorticoid Receptor in Vascular Inflammation in Atherosclerosis. *FASEB Journal*, **2019**, 33, 832.2 0.9
- 3 Prevention of Adverse Metabolic Consequences of Adipocyte Dysfunction Using MR Antagonists **2016**, 157-167
- 2 The different daily distribution of proteins does not influence the variations in body composition in a sample of subjects undergoing a low-calorie Mediterranean-type diet. *Minerva Gastroenterology*, **2021**, 67, 183-189 3
- 1 Reply to the letter by Onfiani G. VLCD versus VLCKD for obese male patients with hypogonadism. Considerations about the recent systematic review and consensus statement published by Italian Society of Endocrinology (SIE) *Eating and Weight Disorders*, 3.6