

Massimo Federici

List of Publications by Year in descending order

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Version: 2024-02-01

227
papers

17,068
citations

17429

63
h-index

16636

123
g-index

234
all docs

234
docs citations

234
times ranked

30918
citing authors

#	ARTICLE	IF	CITATIONS
1	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
2	Mandibuloacral Dysplasia Is Caused by a Mutation in LMNA-Encoding Lamin A/C. <i>American Journal of Human Genetics</i> , 2002, 71, 426-431.	2.6	509
3	Molecular phenomics and metagenomics of hepatic steatosis in non-diabetic obese women. <i>Nature Medicine</i> , 2018, 24, 1070-1080.	15.2	465
4	MicroRNA 217 Modulates Endothelial Cell Senescence via Silent Information Regulator 1. <i>Circulation</i> , 2009, 120, 1524-1532.	1.6	438
5	Insulin-Dependent Activation of Endothelial Nitric Oxide Synthase Is Impaired by O-Linked Glycosylation Modification of Signaling Proteins in Human Coronary Endothelial Cells. <i>Circulation</i> , 2002, 106, 466-472.	1.6	330
6	Defects of the insulin receptor substrate (IRS) system in human metabolic disorders. <i>FASEB Journal</i> , 2001, 15, 2099-2111.	0.2	299
7	High Glucose Causes Apoptosis in Cultured Human Pancreatic Islets of Langerhans. <i>Diabetes</i> , 2001, 50, 1290-1301.	0.3	296
8	Metabolically healthy versus metabolically unhealthy obesity. <i>Metabolism: Clinical and Experimental</i> , 2019, 92, 51-60.	1.5	251
9	Changes in blood microbiota profiles associated with liver fibrosis in obese patients: A pilot analysis. <i>Hepatology</i> , 2016, 64, 2015-2027.	3.6	230
10	A Novel Pharmacologic Inhibitor of the NLRP3 Inflammasome Limits Myocardial Injury After Ischemia-â€“Reperfusion in the Mouse. <i>Journal of Cardiovascular Pharmacology</i> , 2014, 63, 316-322.	0.8	215
11	The inflammatory status score including IL-6, TNF- α , osteopontin, fractalkine, MCP-1 and adiponectin underlies whole-body insulin resistance and hyperglycemia in type 2 diabetes mellitus. <i>Acta Diabetologica</i> , 2014, 51, 123-131.	1.2	211
12	Genetic deficiency of indoleamine 2,3-dioxygenase promotes gut microbiota-mediated metabolic health. <i>Nature Medicine</i> , 2018, 24, 1113-1120.	15.2	193
13	miR-146a is modulated in human endothelial cell with aging. <i>Atherosclerosis</i> , 2011, 217, 326-330.	0.4	168
14	Serum 25-hydroxyvitamin D levels are inversely associated with systemic inflammation in severe obese subjects. <i>Internal and Emergency Medicine</i> , 2013, 8, 33-40.	1.0	160
15	Plasma Concentration of IGF-I Is Independently Associated With Insulin Sensitivity in Subjects With Different Degrees of Glucose Tolerance. <i>Diabetes Care</i> , 2005, 28, 120-125.	4.3	157
16	Global perspective of familial hypercholesterolaemia: a cross-sectional study from the EAS Familial Hypercholesterolaemia Studies Collaboration (FHSC). <i>Lancet, The</i> , 2021, 398, 1713-1725.	6.3	142
17	Timp3 deficiency in insulin receptor-haploinsufficient mice promotes diabetes and vascular inflammation via increased TNF- α . <i>Journal of Clinical Investigation</i> , 2005, 115, 3494-3505.	3.9	141
18	The Gly972 \rightarrow Arg amino acid polymorphism in IRS-1 impairs insulin secretion in pancreatic β^2 cells. <i>Journal of Clinical Investigation</i> , 1999, 104, 357-364.	3.9	134

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19	Metabolomics signature improves the prediction of cardiovascular events in elderly subjects. <i>Atherosclerosis</i> , 2014, 232, 260-264.	0.4	133
20	TIMP3 Is Reduced in Atherosclerotic Plaques From Subjects With Type 2 Diabetes and Increased by SirT1. <i>Diabetes</i> , 2009, 58, 2396-2401.	0.3	132
21	Pharmacologic Inhibition of the NLRP3 Inflammasome Preserves Cardiac Function After Ischemic and Nonischemic Injury in the Mouse. <i>Journal of Cardiovascular Pharmacology</i> , 2015, 66, 1-8.	0.8	128
22	Galectin-3 ablation protects mice from diet-induced NASH: A major scavenging role for galectin-3 in liver. <i>Journal of Hepatology</i> , 2011, 54, 975-983.	1.8	127
23	A Common Polymorphism in the Promoter of UCP2 Contributes to the Variation in Insulin Secretion in Glucose-Tolerant Subjects. <i>Diabetes</i> , 2003, 52, 1280-1283.	0.3	125
24	Benfotiamine Counteracts Glucose Toxicity Effects on Endothelial Progenitor Cell Differentiation via Akt/FoxO Signaling. <i>Diabetes</i> , 2006, 55, 2231-2237.	0.3	124
25	Insulin receptor substrate (IRS) transduction system: distinct and overlapping signaling potential. <i>Diabetes/Metabolism Research and Reviews</i> , 2000, 16, 434-441.	1.7	123
26	MiR-216a: a link between endothelial dysfunction and autophagy. <i>Cell Death and Disease</i> , 2014, 5, e1029-e1029.	2.7	122
27	Fish oil supplementation improves endothelial function in normoglycemic offspring of patients with type 2 diabetes. <i>Atherosclerosis</i> , 2009, 206, 569-574.	0.4	115
28	TAp73 depletion accelerates aging through metabolic dysregulation. <i>Genes and Development</i> , 2012, 26, 2009-2014.	2.7	115
29	The -866A/A Genotype in the Promoter of the Human Uncoupling Protein 2 Gene Is Associated With Insulin Resistance and Increased Risk of Type 2 Diabetes. <i>Diabetes</i> , 2004, 53, 1905-1910.	0.3	110
30	Role of transglutaminase 2 in glucose tolerance: knockout mice studies and a putative mutation in a MODY patient. <i>FASEB Journal</i> , 2002, 16, 1371-1378.	0.2	107
31	G972R IRS-1 Variant Impairs Insulin Regulation of Endothelial Nitric Oxide Synthase in Cultured Human Endothelial Cells. <i>Circulation</i> , 2004, 109, 399-405.	1.6	104
32	Mice Heterozygous for Tumor Necrosis Factor- α Converting Enzyme Are Protected From Obesity-Induced Insulin Resistance and Diabetes. <i>Diabetes</i> , 2007, 56, 2541-2546.	0.3	104
33	Functionalized gold nanoparticles for topical delivery of methotrexate for the possible treatment of psoriasis. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 141, 141-147.	2.5	104
34	Insulin Secretory Function Is Impaired in Isolated Human Islets Carrying the Gly972->Arg IRS-1 Polymorphism. <i>Diabetes</i> , 2002, 51, 1419-1424.	0.3	103
35	Tissue Inhibitor of Metalloproteinase 3 Deficiency Causes Hepatic Steatosis and Adipose Tissue Inflammation in Mice. <i>Gastroenterology</i> , 2009, 136, 663-672.e4.	0.6	103
36	Peroxiredoxin 6, a Novel Player in the Pathogenesis of Diabetes. <i>Diabetes</i> , 2014, 63, 3210-3220.	0.3	103

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37	MicroRNAs in vascular aging and atherosclerosis. <i>Ageing Research Reviews</i> , 2014, 17, 68-78.	5.0	101
38	The Angiogenic Factor PlGF Mediates a Neuroimmune Interaction in the Spleen to Allow the Onset of Hypertension. <i>Immunity</i> , 2014, 41, 737-752.	6.6	93
39	Association of single nucleotide polymorphisms in the oxidised LDL receptor 1 (OLR1) gene in patients with acute myocardial infarction. <i>Journal of Medical Genetics</i> , 2003, 40, 933-936.	1.5	90
40	The role of ADAM17 in metabolic inflammation. <i>Atherosclerosis</i> , 2013, 228, 12-17.	0.4	89
41	Omental adipose tissue fibrosis and insulin resistance in severe obesity. <i>Nutrition and Diabetes</i> , 2015, 5, e175-e175.	1.5	89
42	Distribution of insulin/insulin-like growth factor-I hybrid receptors in human tissues. <i>Molecular and Cellular Endocrinology</i> , 1997, 129, 121-126.	1.6	88
43	The common Arg 972 polymorphism in insulin receptor substrate-1 causes apoptosis of human pancreatic islets. <i>FASEB Journal</i> , 2001, 15, 22-24.	0.2	88
44	Phosphorylation of GATA2 by Akt Increases Adipose Tissue Differentiation and Reduces Adipose Tissue-Related Inflammation. <i>Circulation</i> , 2005, 111, 1946-1953.	1.6	88
45	Impaired regulation of the TNF- α converting enzyme/tissue inhibitor of metalloproteinase 3 proteolytic system in skeletal muscle of obese type 2 diabetic patients: a new mechanism of insulin resistance in humans. <i>Diabetologia</i> , 2009, 52, 2169-2181.	2.9	87
46	Accelerated Lipid-Induced Atherogenesis in Galectin-3-Deficient Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009, 29, 831-836.	1.1	85
47	The Food Additive Maltodextrin Promotes Endoplasmic Reticulum Stress-Driven Mucus Depletion and Exacerbates Intestinal Inflammation. <i>Cellular and Molecular Gastroenterology and Hepatology</i> , 2019, 7, 457-473.	2.3	84
48	Loss of TIMP3 underlies diabetic nephropathy via FoxO1/STAT1 interplay. <i>EMBO Molecular Medicine</i> , 2013, 5, 441-455.	3.3	83
49	Molecular mechanism of insulin resistance in type 2 diabetes mellitus: role of the insulin receptor variant forms. <i>Diabetes/Metabolism Research and Reviews</i> , 2001, 17, 363-373.	1.7	82
50	Increased tumor necrosis factor α -converting enzyme activity induces insulin resistance and hepatosteatosis in mice. <i>Hepatology</i> , 2010, 51, 103-110.	3.6	80
51	Increased O-glycosylation of insulin signaling proteins results in their impaired activation and enhanced susceptibility to apoptosis in pancreatic β -cells. <i>FASEB Journal</i> , 2004, 18, 959-961.	0.2	77
52	Ectodomain shedding of EGFR ligands and TNFR1 dictates hepatocyte apoptosis during fulminant hepatitis in mice. <i>Journal of Clinical Investigation</i> , 2010, 120, 2731-2744.	3.9	76
53	Regulation of TIMP3 in diabetic nephropathy: a role for microRNAs. <i>Acta Diabetologica</i> , 2013, 50, 965-969.	1.2	74
54	The Arg972 Variant in Insulin Receptor Substrate-1 Is Associated With an Increased Risk of Secondary Failure to Sulfonylurea in Patients With Type 2 Diabetes. <i>Diabetes Care</i> , 2004, 27, 1394-1398.	4.3	73

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55	Gut Microbiota Interacts with Markers of Adipose Tissue Browning, Insulin Action and Plasma Acetate in Morbid Obesity. <i>Molecular Nutrition and Food Research</i> , 2018, 62, 1700721.	1.5	73
56	Endothelial function and arterial stiffness in normotensive normoglycemic first-degree relatives of diabetic patients are independent of the metabolic syndrome. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2008, 18, 349-356.	1.1	72
57	Pioglitazone improves glucose metabolism and modulates skeletal muscle TIMP-3/TACE dyad in type 2 diabetes mellitus: a randomised, double-blind, placebo-controlled, mechanistic study. <i>Diabetologia</i> , 2013, 56, 2153-2163.	2.9	71
58	Serum Resistin, Cardiovascular Disease and All-Cause Mortality in Patients with Type 2 Diabetes. <i>PLoS ONE</i> , 2013, 8, e64729.	1.1	71
59	Iron status influences non-alcoholic fatty liver disease in obesity through the gut microbiome. <i>Microbiome</i> , 2021, 9, 104.	4.9	70
60	Increased expression of insulin/insulin-like growth factor-I hybrid receptors in skeletal muscle of noninsulin-dependent diabetes mellitus subjects.. <i>Journal of Clinical Investigation</i> , 1996, 98, 2887-2893.	3.9	70
61	Overexpression of Tissue Inhibitor of Metalloproteinase 3 in Macrophages Reduces Atherosclerosis in Low-Density Lipoprotein Receptor Knockout Mice. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2012, 32, 74-81.	1.1	68
62	“The Linosa Study”: Epidemiological and heritability data of the metabolic syndrome in a Caucasian genetic isolate. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2009, 19, 455-461.	1.1	67
63	TIMP3 Overexpression in Macrophages Protects From Insulin Resistance, Adipose Inflammation, and Nonalcoholic Fatty Liver Disease in Mice. <i>Diabetes</i> , 2012, 61, 454-462.	0.3	66
64	Spectrum of mutations in Italian patients with familial hypercholesterolemia: New results from the LIPIGEN study. <i>Atherosclerosis Supplements</i> , 2017, 29, 17-24.	1.2	65
65	NGF-withdrawal induces apoptosis in pancreatic beta cells in vitro. <i>Diabetologia</i> , 2001, 44, 1281-1295.	2.9	64
66	Activation of the Hexosamine Pathway Leads to Phosphorylation of Insulin Receptor Substrate-1 on Ser307 and Ser612 and Impairs the Phosphatidylinositol 3-Kinase/Akt/Mammalian Target of Rapamycin Insulin Biosynthetic Pathway in RIN Pancreatic β -Cells. <i>Endocrinology</i> , 2004, 145, 2845-2857.	1.4	64
67	Immunopositivity for Histone MacroH2A1 Isoforms Marks Steatosis-Associated Hepatocellular Carcinoma. <i>PLoS ONE</i> , 2013, 8, e54458.	1.1	63
68	The Gly \rightarrow Arg ⁹⁷² Amino Acid Polymorphism in Insulin Receptor Substrate-1 Affects Glucose Metabolism in Skeletal Muscle Cells. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 2004-2013.	1.8	63
69	The Gly \rightarrow Arg ⁹⁷² Amino Acid Polymorphism in Insulin Receptor Substrate-1 Affects Glucose Metabolism in Skeletal Muscle Cells ¹ . <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 2004-2013.	1.8	62
70	Transgenic mice with dominant negative PKC-theta in skeletal muscle: A new model of insulin resistance and obesity. <i>Journal of Cellular Physiology</i> , 2003, 196, 89-97.	2.0	59
71	Dysfunctional dopaminergic neurotransmission in asocial BTBR mice. <i>Translational Psychiatry</i> , 2014, 4, e427-e427.	2.4	59
72	Effects of Dipeptidyl Peptidase 4 Inhibitors and Sodium-Glucose Linked coTransporter-2 Inhibitors on cardiovascular events in patients with type 2 diabetes mellitus: A meta-analysis. <i>International Journal of Cardiology</i> , 2016, 220, 595-601.	0.8	59

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73	Chronic hyperglycemia impairs insulin secretion by affecting insulin receptor expression, splicing, and signaling in RIN 129 cell line and human islets of Langerhans. <i>FASEB Journal</i> , 2003, 17, 1340-1342.	0.2	58
74	Frailty and nutritional status in older people: the Mini Nutritional Assessment as a screening tool for the identification of frail subjects. <i>Clinical Interventions in Aging</i> , 2018, Volume 13, 1237-1244.	1.3	58
75	Increased abundance of insulin/IGF-I hybrid receptors in adipose tissue from NIDDM patients. <i>Molecular and Cellular Endocrinology</i> , 1997, 135, 41-47.	1.6	57
76	Sodium-glucose co-transporter2 expression and inflammatory activity in diabetic atherosclerotic plaques: Effects of sodium-glucose co-transporter2 inhibitor treatment. <i>Molecular Metabolism</i> , 2021, 54, 101337.	3.0	56
77	Increased Abundance of Insulin/Insulin-Like Growth Factor-I Hybrid Receptors in Skeletal Muscle of Obese Subjects Is Correlated with In Vivo Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 2911-2915.	1.8	55
78	Familial hypercholesterolemia: The Italian Atherosclerosis Society Network (LIPIGEN). <i>Atherosclerosis Supplements</i> , 2017, 29, 11-16.	1.2	53
79	High mobility group box 1 is a novel substrate of dipeptidyl peptidase-IV. <i>Diabetologia</i> , 2012, 55, 236-244.	2.9	51
80	Increased Abundance of Insulin/Insulin-Like Growth Factor-I Hybrid Receptors in Skeletal Muscle of Obese Subjects Is Correlated with In Vivo Insulin Sensitivity. <i>Journal of Clinical Endocrinology and Metabolism</i> , 1998, 83, 2911-2915.	1.8	50
81	IL-21 Is a Major Negative Regulator of IRF4-Dependent Lipolysis Affecting Tregs in Adipose Tissue and Systemic Insulin Sensitivity. <i>Diabetes</i> , 2014, 63, 2086-2096.	0.3	49
82	The Arg972Variant in Insulin Receptor Substrate-1 Is Associated with an Atherogenic Profile in Offspring of Type 2 Diabetic Patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 3368-3371.	1.8	48
83	Evaluation of the performance of Dutch Lipid Clinic Network score in an Italian FH population: The LIPIGEN study. <i>Atherosclerosis</i> , 2018, 277, 413-418.	0.4	48
84	Frataxin deficiency induces lipid accumulation and affects thermogenesis in brown adipose tissue. <i>Cell Death and Disease</i> , 2020, 11, 51.	2.7	47
85	Loss of TIMP3 exacerbates atherosclerosis in ApoE null mice. <i>Atherosclerosis</i> , 2014, 235, 438-443.	0.4	46
86	Cross-omics analysis revealed gut microbiome-related metabolic pathways underlying atherosclerosis development after antibiotics treatment. <i>Molecular Metabolism</i> , 2020, 36, 100976.	3.0	46
87	MicroRNAs in Endothelial Senescence and Atherosclerosis. <i>Journal of Cardiovascular Translational Research</i> , 2013, 6, 924-930.	1.1	45
88	High body mass index and night shift work are associated with COVID-19 in health care workers. <i>Journal of Endocrinological Investigation</i> , 2021, 44, 1097-1101.	1.8	45
89	Sildenafil Reduces Insulin-Resistance in Human Endothelial Cells. <i>PLoS ONE</i> , 2011, 6, e14542.	1.1	45
90	Molecular and Functional Characterization of Pituitary Adenylate Cyclase-Activating Polypeptide (PACAP-38)/Vasoactive Intestinal Polypeptide Receptors in Pancreatic β -Cells and Effects of PACAP-38 on Components of the Insulin Secretory System. <i>Endocrinology</i> , 1999, 140, 5530-5537.	1.4	44

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91	Missense mutations in the TGM2 gene encoding transglutaminase 2 are found in patients with early-onset type 2 diabetes. <i>Human Mutation</i> , 2007, 28, 1150-1150.	1.1	44
92	Deterioration of glucose homeostasis in type 2 diabetic patients one year after beginning of statins therapy. <i>Atherosclerosis</i> , 2012, 223, 197-203.	0.4	44
93	Effects of topical methotrexate loaded gold nanoparticle in cutaneous inflammatory mouse model. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019, 17, 276-286.	1.7	43
94	Carotid artery intima-media thickness is associated with insulin-mediated glucose disposal in nondiabetic normotensive offspring of type 2 diabetic patients. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E347-E352.	1.8	39
95	Insulin resistance and atherosclerosis: convergence between metabolic pathways and inflammatory nodes. <i>Biochemical Journal</i> , 2013, 454, 1-11.	1.7	39
96	Low FT3: a possible marker of frailty in the elderly. <i>Clinical Interventions in Aging</i> , 2017, Volume 12, 335-341.	1.3	39
97	Adiponectin Isoforms in Elderly Patients with or without Coronary Artery Disease. <i>Journal of the American Geriatrics Society</i> , 2010, 58, 702-706.	1.3	37
98	The <i>ENPP1</i> Q121 Variant Predicts Major Cardiovascular Events in High-Risk Individuals. <i>Diabetes</i> , 2011, 60, 1000-1007.	0.3	37
99	ITCH modulates SIRT6 and SREBP2 to influence lipid metabolism and atherosclerosis in ApoE null mice. <i>Scientific Reports</i> , 2015, 5, 9023.	1.6	37
100	The Gly972->Arg IRS-1 Variant Is Associated With Type 1 Diabetes in Continental Italy. <i>Diabetes</i> , 2003, 52, 887-890.	0.3	36
101	Impaired Endothelial Function in Never-Treated Hypertensive Subjects Carrying the Arg972Polymorphism in the Insulin Receptor Substrate-1 Gene. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004, 89, 3606-3609.	1.8	36
102	Tissue Inhibitor of Metalloproteinase-3 Regulates Inflammation in Human and Mouse Intestine. <i>Gastroenterology</i> , 2012, 143, 1277-1287.e4.	0.6	36
103	Effects of Whole Body Vibration Plus Diet on Insulin-Resistance in Middle-Aged Obese Subjects. <i>International Journal of Sports Medicine</i> , 2014, 35, 511-516.	0.8	36
104	Vascular, metabolic, and inflammatory abnormalities in normoglycemic offspring of patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2007, 56, 413-419.	1.5	35
105	Frequent Follow-Up Visits Reduce Weight Regain in Long-Term Management After Bariatric Surgery. <i>Bariatric Surgical Patient Care</i> , 2015, 10, 119-125.	0.1	35
106	The role of obesity in carotid plaque instability: interaction with age, gender, and cardiovascular risk factors. <i>Cardiovascular Diabetology</i> , 2018, 17, 46.	2.7	35
107	Toll-Like Receptor 4 Mediates Endothelial Cell Activation Through NF- κ B but Is Not Associated with Endothelial Dysfunction in Patients with Rheumatoid Arthritis. <i>PLoS ONE</i> , 2014, 9, e99053.	1.1	35
108	Complete blood count might help to identify subjects with high probability of testing positive to SARS-CoV-2. <i>Clinical Medicine</i> , 2020, 20, e114-e119.	0.8	34

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109	Evidence for glucose/hexosamine in vivo regulation of insulin/IGF-I hybrid receptor assembly. <i>Diabetes</i> , 1999, 48, 2277-2285.	0.3	33
110	Increased expression of low-affinity insulin receptor isoform and insulin/insulin-like growth factor-I hybrid receptors in term placenta from insulin-resistant women with gestational hypertension. <i>Diabetologia</i> , 1996, 39, 952-960.	2.9	32
111	Pioglitazone improves endothelial and adipose tissue dysfunction in pre-diabetic CAD subjects. <i>Atherosclerosis</i> , 2011, 215, 180-183.	0.4	31
112	Gut microbiome and microbial metabolites: a new system affecting metabolic disorders. <i>Journal of Endocrinological Investigation</i> , 2019, 42, 1011-1018.	1.8	31
113	Polymorphisms of the Insulin Receptor Substrate-2 in Patients with Type 2 Diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 317-322.	1.8	30
114	Human placental lactogen (hPL-A) activates signaling pathways linked to cell survival and improves insulin secretion in human pancreatic islets. <i>Islets</i> , 2011, 3, 250-258.	0.9	29
115	Expression of tissue inhibitor of metalloprotease 3 is reduced in ischemic but not neuropathic ulcers from patients with type 2 diabetes mellitus. <i>Acta Diabetologica</i> , 2013, 50, 907-910.	1.2	29
116	A score including ADAM17 substrates correlates to recurring cardiovascular event in subjects with atherosclerosis. <i>Atherosclerosis</i> , 2015, 239, 459-464.	0.4	29
117	Serum glucocorticoid inducible kinase (SGK)-1 protects endothelial cells against oxidative stress and apoptosis induced by hyperglycaemia. <i>Acta Diabetologica</i> , 2015, 52, 55-64.	1.2	29
118	Carotid plaque instability is not related to quantity but to elemental composition of calcification. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017, 27, 768-774.	1.1	28
119	C-peptide: A predictor of cardiovascular mortality in subjects with established atherosclerotic disease. <i>Diabetes and Vascular Disease Research</i> , 2017, 14, 395-399.	0.9	27
120	Does bronchoscopy help the diagnosis in COVID-19 infection?. <i>European Respiratory Journal</i> , 2020, 56, 2001619.	3.1	27
121	Decreased IRS2 and TIMP3 Expression in Monocytes From Offspring of Type 2 Diabetic Patients Is Correlated With Insulin Resistance and Increased Intima-Media Thickness. <i>Diabetes</i> , 2011, 60, 3265-3270.	0.3	26
122	Parathyroid Hormone and Insulin Resistance in Distinct Phenotypes of Severe Obesity: A Cross-Sectional Analysis in Middle-Aged Men and Premenopausal Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012, 97, 4724-4732.	1.8	26
123	The Endothelium Abridges Insulin Resistance to Premature Aging. <i>Journal of the American Heart Association</i> , 2013, 2, e000262.	1.6	26
124	The PDE4 inhibitor roflumilast reduces weight gain by increasing energy expenditure and leads to improved glucose metabolism. <i>Diabetes, Obesity and Metabolism</i> , 2017, 19, 496-508.	2.2	26
125	Hepatocyte specific TIMP3 expression prevents diet dependent fatty liver disease and hepatocellular carcinoma. <i>Scientific Reports</i> , 2017, 7, 6747.	1.6	26
126	MicroRNA 21 is up-regulated in adipose tissue of obese diabetic subjects. <i>Nutrition and Healthy Aging</i> , 2017, 4, 141-145.	0.5	26

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127	Climate changes and ST-elevation myocardial infarction treated with primary percutaneous coronary angioplasty. <i>International Journal of Cardiology</i> , 2019, 294, 1-5.	0.8	26
128	Transgenic mice overexpressing human G972R IRS1 show impaired insulin action and insulin secretion. <i>Journal of Cellular and Molecular Medicine</i> , 2008, 12, 2096-2106.	1.6	25
129	SGK-1 protects kidney cells against apoptosis induced by ceramide and TNF- α . <i>Cell Death and Disease</i> , 2015, 6, e1890-e1890.	2.7	25
130	Proteomic and metabolomic characterization of streptozotocin-induced diabetic nephropathy in TIMP3-deficient mice. <i>Acta Diabetologica</i> , 2018, 55, 121-129.	1.2	25
131	Carotid intimal medial thickness in rotating night shift is related to IL1 β /IL6 axis. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 1826-1832.	1.1	25
132	IL12B Polymorphism and Type 1 Diabetes in the Italian Population: A Case-Control Study. <i>Diabetes</i> , 2002, 51, 1649-1650.	0.3	24
133	Interaction of DIO2 T92A and PPAR γ 2 P12A Polymorphisms in the Modulation of Metabolic Syndrome**. <i>Obesity</i> , 2007, 15, 2889-2895.	1.5	24
134	ITCH Deficiency Protects From Diet-Induced Obesity. <i>Diabetes</i> , 2014, 63, 550-561.	0.3	24
135	Iron status in obesity: An independent association with metabolic parameters and effect of weight loss. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015, 25, 541-547.	1.1	24
136	FoxO1 regulates asymmetric dimethylarginine via downregulation of dimethylaminohydrolase 1 in human endothelial cells and subjects with atherosclerosis. <i>Atherosclerosis</i> , 2015, 242, 230-235.	0.4	24
137	Adiponectin isoforms are not associated with the severity of coronary atherosclerosis but with undiagnosed diabetes in patients affected by stable CAD. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2009, 19, 54-60.	1.1	23
138	Rosuvastatin stimulates clonogenic potential and anti-inflammatory properties of endothelial progenitor cells. <i>Cell Biology International</i> , 2010, 34, 709-715.	1.4	23
139	Joint effect of insulin signaling genes on cardiovascular events and on whole body and endothelial insulin resistance. <i>Atherosclerosis</i> , 2013, 226, 140-145.	0.4	23
140	TIMP3 interplays with apelin to regulate cardiovascular metabolism in hypercholesterolemic mice. <i>Molecular Metabolism</i> , 2015, 4, 741-752.	3.0	23
141	Microdialysis and proteomics of subcutaneous interstitial fluid reveals increased galectin-1 in type 2 diabetes patients. <i>Metabolism: Clinical and Experimental</i> , 2016, 65, 998-1006.	1.5	23
142	What is the actual epidemiology of familial hypercholesterolemia in Italy? Evidence from a National Primary Care Database. <i>International Journal of Cardiology</i> , 2016, 223, 701-705.	0.8	23
143	Gut microbiome and cardiometabolic risk. <i>Reviews in Endocrine and Metabolic Disorders</i> , 2019, 20, 399-406.	2.6	23
144	Alterations in Rev-ERB α /BMAL1 ratio and glycated hemoglobin in rotating shift workers: the EuRhythDia study. <i>Acta Diabetologica</i> , 2021, 58, 1111-1117.	1.2	22

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