

Massimo Federici

List of Publications by Citations

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219
papers

13,457
citations

57
h-index

111
g-index

234
ext. papers

15,439
ext. citations

5.7
avg, IF

5.69
L-index

#	Paper	IF	Citations
219	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016 , 12, 1-222	10.2	3838
218	Mandibuloacral dysplasia is caused by a mutation in LMNA-encoding lamin A/C. <i>American Journal of Human Genetics</i> , 2002 , 71, 426-31	11	436
217	MicroRNA 217 modulates endothelial cell senescence via silent information regulator 1. <i>Circulation</i> , 2009 , 120, 1524-32	16.7	387
216	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, 466-72	16.7	281
215	Molecular phenomics and metagenomics of hepatic steatosis in non-diabetic obese women. <i>Nature Medicine</i> , 2018 , 24, 1070-1080	50.5	276
214	Defects of the insulin receptor substrate (IRS) system in human metabolic disorders. <i>FASEB Journal</i> , 2001 , 15, 2099-111	0.9	268
213	High glucose causes apoptosis in cultured human pancreatic islets of Langerhans: a potential role for regulation of specific Bcl family genes toward an apoptotic cell death program. <i>Diabetes</i> , 2001 , 50, 1290-301	0.9	267
212	A novel pharmacologic inhibitor of the NLRP3 inflammasome limits myocardial injury after ischemia-reperfusion in the mouse. <i>Journal of Cardiovascular Pharmacology</i> , 2014 , 63, 316-322	3.1	180
211	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, 123-31	3.9	169
210	miR-146a is modulated in human endothelial cell with aging. <i>Atherosclerosis</i> , 2011 , 217, 326-30	3.1	152
209	Changes in blood microbiota profiles associated with liver fibrosis in obese patients: A pilot analysis. <i>Hepatology</i> , 2016 , 64, 2015-2027	11.2	137
208	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, 120-5	14.6	135
207	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	3.7	129
206	Metabolically healthy versus metabolically unhealthy obesity. <i>Metabolism: Clinical and Experimental</i> , 2019 , 92, 51-60	12.7	129
205	Timp3 deficiency in insulin receptor-haploinsufficient mice promotes diabetes and vascular inflammation via increased TNF-alpha. <i>Journal of Clinical Investigation</i> , 2005 , 115, 3494-505	15.9	122
204	Genetic deficiency of indoleamine 2,3-dioxygenase promotes gut microbiota-mediated metabolic health. <i>Nature Medicine</i> , 2018 , 24, 1113-1120	50.5	121
203	TIMP3 is reduced in atherosclerotic plaques from subjects with type 2 diabetes and increased by SirT1. <i>Diabetes</i> , 2009 , 58, 2396-401	0.9	117

202	The Gly972-->Arg amino acid polymorphism in IRS-1 impairs insulin secretion in pancreatic beta cells. <i>Journal of Clinical Investigation</i> , 1999 , 104, 357-64	15.9	115
201	A common polymorphism in the promoter of UCP2 contributes to the variation in insulin secretion in glucose-tolerant subjects. <i>Diabetes</i> , 2003 , 52, 1280-3	0.9	114
200	Benfotiamine counteracts glucose toxicity effects on endothelial progenitor cell differentiation via Akt/FoxO signaling. <i>Diabetes</i> , 2006 , 55, 2231-7	0.9	113
199	Metabolomics signature improves the prediction of cardiovascular events in elderly subjects. <i>Atherosclerosis</i> , 2014 , 232, 260-4	3.1	112
198	Insulin receptor substrate (IRS) transduction system: distinct and overlapping signaling potential. <i>Diabetes/Metabolism Research and Reviews</i> , 2000 , 16, 434-41	7.5	106
197	MiR-216a: a link between endothelial dysfunction and autophagy. <i>Cell Death and Disease</i> , 2014 , 5, e10299.8	10.4	104
196	TAp73 depletion accelerates aging through metabolic dysregulation. <i>Genes and Development</i> , 2012 , 26, 2009-14	12.6	103
195	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	3.1	100
194	Role of transglutaminase 2 in glucose tolerance: knockout mice studies and a putative mutation in a MODY patient. <i>FASEB Journal</i> , 2002 , 16, 1371-8	0.9	99
193	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, 975-83	13.4	98
192	Fish oil supplementation improves endothelial function in normoglycemic offspring of patients with type 2 diabetes. <i>Atherosclerosis</i> , 2009 , 206, 569-74	3.1	97
191	G972R IRS-1 variant impairs insulin regulation of endothelial nitric oxide synthase in cultured human endothelial cells. <i>Circulation</i> , 2004 , 109, 399-405	16.7	96
190	Insulin secretory function is impaired in isolated human islets carrying the Gly(972)-->Arg IRS-1 polymorphism. <i>Diabetes</i> , 2002 , 51, 1419-24	0.9	96
189	Mice heterozygous for tumor necrosis factor-alpha converting enzyme are protected from obesity-induced insulin resistance and diabetes. <i>Diabetes</i> , 2007 , 56, 2541-6	0.9	94
188	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, 1905-10	0.9	94
187	Tissue inhibitor of metalloproteinase 3 deficiency causes hepatic steatosis and adipose tissue inflammation in mice. <i>Gastroenterology</i> , 2009 , 136, 663-72.e4	13.3	90
186	The common Arg972 polymorphism in insulin receptor substrate-1 causes apoptosis of human pancreatic islets. <i>FASEB Journal</i> , 2001 , 15, 22-24	0.9	83
185	Distribution of insulin/insulin-like growth factor-I hybrid receptors in human tissues. <i>Molecular and Cellular Endocrinology</i> , 1997 , 129, 121-6	4.4	81

184	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	6	80
183	MicroRNAs in vascular aging and atherosclerosis. <i>Ageing Research Reviews</i> , 2014 , 17, 68-78	12	79
182	Impaired regulation of the TNF-alpha 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, 2169-81	10.3	77
181	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, 933-6	5.8	77
180	Accelerated lipid-induced atherogenesis in galectin-3-deficient mice: role of lipoxidation via receptor-mediated mechanisms. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2009 , 29, 831-6	9.4	76
179	Phosphorylation of GATA2 by Akt increases adipose tissue differentiation and reduces adipose tissue-related inflammation: a novel pathway linking obesity to atherosclerosis. <i>Circulation</i> , 2005 , 111, 1946-53	16.7	76
178	The angiogenic factor PlGF mediates a neuroimmune interaction in the spleen to allow the onset of hypertension. <i>Immunity</i> , 2014 , 41, 737-52	32.3	75
177	The role of ADAM17 in metabolic inflammation. <i>Atherosclerosis</i> , 2013 , 228, 12-7	3.1	71
176	Loss of TIMP3 underlies diabetic nephropathy via FoxO1/STAT1 interplay. <i>EMBO Molecular Medicine</i> , 2013 , 5, 441-55	12	71
175	Increased tumor necrosis factor alpha-converting enzyme activity induces insulin resistance and hepatosteatosis in mice. <i>Hepatology</i> , 2010 , 51, 103-10	11.2	68
174	Ectodomain shedding of EGFR ligands and TNFR1 dictates hepatocyte apoptosis during fulminant hepatitis in mice. <i>Journal of Clinical Investigation</i> , 2010 , 120, 2731-44	15.9	68
173	Increased O-glycosylation of insulin signaling proteins results in their impaired activation and enhanced susceptibility to apoptosis in pancreatic beta-cells. <i>FASEB Journal</i> , 2004 , 18, 959-61	0.9	67
172	Regulation of TIMP3 in diabetic nephropathy: a role for microRNAs. <i>Acta Diabetologica</i> , 2013 , 50, 965-9	3.9	65
171	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, 349-56	4.5	65
170	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, 363-73	7.5	65
169	Omental adipose tissue fibrosis and insulin resistance in severe obesity. <i>Nutrition and Diabetes</i> , 2015 , 5, e175	4.7	63
168	Peroxiredoxin 6, a novel player in the pathogenesis of diabetes. <i>Diabetes</i> , 2014 , 63, 3210-20	0.9	63
167	Serum resistin, cardiovascular disease and all-cause mortality in patients with type 2 diabetes. <i>PLoS ONE</i> , 2014 , 8, e64729	3.7	63

166	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, 1394-8	14.6	62
165	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, 2153-63	10.3	60
164	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	9.4	60
163	The Gly->Arg972 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	5.6	59
162	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 beta-cells. <i>Endocrinology</i> , 2004 , 145, 2845-57	4.8	57
161	The Gly->Arg972 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, 2004-13	5.6	56
160	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	7	55
159	TIMP3 overexpression in macrophages protects from insulin resistance, adipose inflammation, and nonalcoholic fatty liver disease in mice. <i>Diabetes</i> , 2012 , 61, 454-62	0.9	53
158	Chronic hyperglycemia impairs insulin secretion by affecting insulin receptor expression, splicing, and signaling in RIN beta cell line and human islets of Langerhans. <i>FASEB Journal</i> , 2003 , 17, 1340-2	0.9	53
157	Immunopositivity for histone macroH2A1 isoforms marks steatosis-associated hepatocellular carcinoma. <i>PLoS ONE</i> , 2013 , 8, e54458	3.7	52
156	Increased abundance of insulin/IGF-I hybrid receptors in adipose tissue from NIDDM patients. <i>Molecular and Cellular Endocrinology</i> , 1997 , 135, 41-7	4.4	52
155	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, 2887-93	15.9	52
154	NGF-withdrawal induces apoptosis in pancreatic beta cells in vitro. <i>Diabetologia</i> , 2001 , 44, 1281-95	10.3	51
153	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, 2911-5	5.6	50
152	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	3.2	50
151	"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, 455-61	4.5	49
150	The Arg972 variant 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, 3368-71	5.6	47
149	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	5.6	47

148	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	5.9	46
147	Spectrum of mutations in Italian patients with familial hypercholesterolemia: New results from the LIPIGEN study. <i>Atherosclerosis Supplements</i> , 2017 , 29, 17-24	1.7	45
146	Dysfunctional dopaminergic neurotransmission in asocial BTBR mice. <i>Translational Psychiatry</i> , 2014 , 4, e427	8.6	45
145	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	7.9	45
144	High mobility group box 1 is a novel substrate of dipeptidyl peptidase-IV. <i>Diabetologia</i> , 2012 , 55, 236-44	10.3	43
143	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, 2086-96	0.9	42
142	Molecular and functional characterization of pituitary adenylate cyclase-activating polypeptide (PACAP-38)/vasoactive intestinal polypeptide receptors in pancreatic beta-cells and effects of PACAP-38 on components of the insulin secretory system. <i>Endocrinology</i> , 1999 , 140, 5530-7	4.8	42
141	Missense mutations in the TGM2 gene encoding transglutaminase 2 are found in patients with early-onset type 2 diabetes. Mutation in brief no. 982. Online. <i>Human Mutation</i> , 2007 , 28, 1150	4.7	40
140	Deterioration of glucose homeostasis in type 2 diabetic patients one year after beginning of statins therapy. <i>Atherosclerosis</i> , 2012 , 223, 197-203	3.1	39
139	Familial hypercholesterolemia: The Italian Atherosclerosis Society Network (LIPIGEN). <i>Atherosclerosis Supplements</i> , 2017 , 29, 11-16	1.7	38
138	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, E347-52	6	37
137	Sildenafil reduces insulin-resistance in human endothelial cells. <i>PLoS ONE</i> , 2011 , 6, e14542	3.7	37
136	Loss of TIMP3 exacerbates atherosclerosis in ApoE null mice. <i>Atherosclerosis</i> , 2014 , 235, 438-43	3.1	36
135	MicroRNAs in endothelial senescence and atherosclerosis. <i>Journal of Cardiovascular Translational Research</i> , 2013 , 6, 924-30	3.3	35
134	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	3.1	35
133	Insulin resistance and atherosclerosis: convergence between metabolic pathways and inflammatory nodes. <i>Biochemical Journal</i> , 2013 , 454, 1-11	3.8	34
132	Impaired endothelial function in never-treated hypertensive subjects carrying the Arg972 polymorphism in the insulin receptor substrate-1 gene. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 3606-9	5.6	34
131	The ENPP1 Q121 variant predicts major cardiovascular events in high-risk individuals: evidence for interaction with obesity in diabetic patients. <i>Diabetes</i> , 2011 , 60, 1000-7	0.9	33

130	Adiponectin isoforms in elderly patients with or without coronary artery disease. <i>Journal of the American Geriatrics Society</i> , 2010 , 58, 702-6	5.6	33
129	Vascular, metabolic, and inflammatory abnormalities in normoglycemic offspring of patients with type 2 diabetes mellitus. <i>Metabolism: Clinical and Experimental</i> , 2007 , 56, 413-9	12.7	31
128	The Gly972-->Arg IRS-1 variant is associated with type 1 diabetes in continental Italy. <i>Diabetes</i> , 2003 , 52, 887-90	0.9	31
127	Tissue inhibitor of metalloproteinase-3 regulates inflammation in human and mouse intestine. <i>Gastroenterology</i> , 2012 , 143, 1277-1287.e4	13.3	30
126	Frequent Follow-Up Visits Reduce Weight Regain in Long-Term Management After Bariatric Surgery. <i>Bariatric Surgical Patient Care</i> , 2015 , 10, 119-125	0.4	29
125	Evidence for glucose/hexosamine in vivo regulation of insulin/IGF-I hybrid receptor assembly. <i>Diabetes</i> , 1999 , 48, 2277-85	0.9	29
124	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, 952-60	10.3	29
123	Effects of whole body vibration plus diet on insulin-resistance in middle-aged obese subjects. <i>International Journal of Sports Medicine</i> , 2014 , 35, 511-6	3.6	28
122	Effects of topical methotrexate loaded gold nanoparticle in cutaneous inflammatory mouse model. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2019 , 17, 276-286	6	27
121	Toll-like receptor 4 mediates endothelial cell activation through NF-B but is not associated with endothelial dysfunction in patients with rheumatoid arthritis. <i>PLoS ONE</i> , 2014 , 9, e99053	3.7	27
120	Cross-omics analysis revealed gut microbiome-related metabolic pathways underlying atherosclerosis development after antibiotics treatment. <i>Molecular Metabolism</i> , 2020 , 36, 100976	8.8	26
119	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 , 13, 1237-1244	4	26
118	Low FT3: a possible marker of frailty in the elderly. <i>Clinical Interventions in Aging</i> , 2017 , 12, 335-341	4	26
117	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, 250-8	2	26
116	Polymorphisms of the insulin receptor substrate-2 in patients with type 2 diabetes. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 317-22	5.6	26
115	Pioglitazone improves endothelial and adipose tissue dysfunction in pre-diabetic CAD subjects. <i>Atherosclerosis</i> , 2011 , 215, 180-3	3.1	25
114	ITCH modulates SIRT6 and SREBP2 to influence lipid metabolism and atherosclerosis in ApoE null mice. <i>Scientific Reports</i> , 2015 , 5, 9023	4.9	24
113	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	1.9	24

112	Frataxin deficiency induces lipid accumulation and affects thermogenesis in brown adipose tissue. <i>Cell Death and Disease</i> , 2020 , 11, 51	9.8	23
111	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	4.5	23
110	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, 4724-32	5.6	23
109	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	5.2	23
108	The role of obesity in carotid plaque instability: interaction with age, gender, and cardiovascular risk factors. <i>Cardiovascular Diabetology</i> , 2018 , 17, 46	8.7	22
107	ITCH deficiency protects from diet-induced obesity. <i>Diabetes</i> , 2014 , 63, 550-61	0.9	22
106	Transgenic mice overexpressing human G972R IRS-1 show impaired insulin action and insulin secretion. <i>Journal of Cellular and Molecular Medicine</i> , 2008 , 12, 2096-106	5.6	22
105	IL12B polymorphism and type 1 diabetes in the Italian population: a case-control study. <i>Diabetes</i> , 2002 , 51, 1649-50	0.9	22
104	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, 907-10	3.9	21
103	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, 3265-70	0.9	21
102	Rosuvastatin stimulates clonogenic potential and anti-inflammatory properties of endothelial progenitor cells. <i>Cell Biology International</i> , 2010 , 34, 709-15	4.5	21
101	Interaction of DIO2 T92A and PPARgamma2 P12A polymorphisms in the modulation of metabolic syndrome. <i>Obesity</i> , 2007 , 15, 2889-95	8	21
100	TIMP3 interplays with apelin to regulate cardiovascular metabolism in hypercholesterolemic mice. <i>Molecular Metabolism</i> , 2015 , 4, 741-52	8.8	20
99	The endothelium abridges insulin resistance to premature aging. <i>Journal of the American Heart Association</i> , 2013 , 2, e000262	6	20
98	Microrna 21 is up-regulated in adipose tissue of obese diabetic subjects. <i>Nutrition and Healthy Aging</i> , 2017 , 4, 141-145	1.3	20
97	A score including ADAM17 substrates correlates to recurring cardiovascular event in subjects with atherosclerosis. <i>Atherosclerosis</i> , 2015 , 239, 459-64	3.1	20
96	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	4.5	20
95	Relationship between plasma free fatty acids and uncoupling protein-3 gene expression in skeletal muscle of obese subjects: in vitro evidence of a causal link. <i>Clinical Endocrinology</i> , 2002 , 57, 199-207	3.4	20

94	Gut microbiome and microbial metabolites: a new system affecting metabolic disorders. <i>Journal of Endocrinological Investigation</i> , 2019 , 42, 1011-1018	5.2	19
93	Does bronchoscopy help the diagnosis in COVID-19 infection?. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	18
92	Hepatocyte specific TIMP3 expression prevents diet dependent fatty liver disease and hepatocellular carcinoma. <i>Scientific Reports</i> , 2017 , 7, 6747	4.9	18
91	Age-related different relationships between ectopic adipose tissues and measures of central obesity in sedentary subjects. <i>PLoS ONE</i> , 2014 , 9, e103381	3.7	18
90	C-peptide: A predictor of cardiovascular mortality in subjects with established atherosclerotic disease. <i>Diabetes and Vascular Disease Research</i> , 2017 , 14, 395-399	3.3	17
89	Joint effect of insulin signaling genes on cardiovascular events and on whole body and endothelial insulin resistance. <i>Atherosclerosis</i> , 2013 , 226, 140-5	3.1	17
88	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	6.7	16
87	Iron status in obesity: An independent association with metabolic parameters and effect of weight loss. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015 , 25, 541-7	4.5	16
86	SGK-1 protects kidney cells against apoptosis induced by ceramide and TNF- α <i>Cell Death and Disease</i> , 2015 , 6, e1890	9.8	16
85	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	3.9	16
84	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	8.8	16
83	FoxO1 regulates asymmetric dimethylarginine via downregulation of dimethylaminohydrolase 1 in human endothelial cells and subjects with atherosclerosis. <i>Atherosclerosis</i> , 2015 , 242, 230-5	3.1	15
82	Metabolic syndrome and risk of pulmonary involvement. <i>Respiratory Medicine</i> , 2010 , 104, 47-51	4.6	15
81	Iron status influences non-alcoholic fatty liver disease in obesity through the gut microbiome. <i>Microbiome</i> , 2021 , 9, 104	16.6	15
80	Posttranslational modulation of FoxO1 contributes to cardiac remodeling in post-ischemic heart failure. <i>Atherosclerosis</i> , 2016 , 249, 148-56	3.1	15
79	Proteomic and metabolomic characterization of streptozotocin-induced diabetic nephropathy in TIMP3-deficient mice. <i>Acta Diabetologica</i> , 2018 , 55, 121-129	3.9	15
78	A genetic marker of hyperuricemia predicts cardiovascular events in a meta-analysis of three cohort studies in high risk patients. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2015 , 25, 1087-94	4.5	14
77	Occult impaired glucose regulation in patients with atherosclerosis is associated to the number of affected vascular districts and inflammation. <i>Atherosclerosis</i> , 2010 , 212, 316-20	3.1	14

76	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	4.0	14
75	The sulfonylurea glimepiride regulates intracellular routing of the insulin-receptor complexes through their interaction with specific protein kinase C isoforms. <i>Molecular Pharmacology</i> , 2001 , 59, 322-330	4.3	13
74	Expression of insulin/IGF-I hybrid receptors is increased in skeletal muscle of patients with chronic primary hyperinsulinemia. <i>Diabetes</i> , 1998 , 47, 87-92	0.9	13
73	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	12.7	13
72	Climate changes and ST-elevation myocardial infarction treated with primary percutaneous coronary angioplasty. <i>International Journal of Cardiology</i> , 2019 , 294, 1-5	3.2	12
71	A Role for Timp3 in Microbiota-Driven Hepatic Steatosis and Metabolic Dysfunction. <i>Cell Reports</i> , 2016 , 16, 731-43	10.6	12
70	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	3.2	12
69	Nonalcoholic fatty liver disease and age are strong indicators for atherosclerosis in morbid obesity. <i>Clinical Endocrinology</i> , 2015 , 83, 180-6	3.4	11
68	Soluble ST2 is a biomarker for cardiovascular mortality related to abnormal glucose metabolism in high-risk subjects. <i>Acta Diabetologica</i> , 2019 , 56, 273-280	3.9	11
67	Role of Serum and Glucocorticoid-Inducible Kinase (SGK)-1 in Senescence: A Novel Molecular Target Against Age-Related Diseases. <i>Current Medicinal Chemistry</i> , 2015 , 22, 3765-88	4.3	10
66	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	3.9	10
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