

Stefano Romeo

List of Publications by Citations

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182
papers

10,725
citations

47
h-index

101
g-index

205
ext. papers

13,329
ext. citations

6.8
avg. IF

6.23
L-index

#	Paper	IF	Citations
182	Genetic variation in PNPLA3 confers susceptibility to nonalcoholic fatty liver disease. <i>Nature Genetics</i> , 2008 , 40, 1461-5	36.3	2115
181	Bariatric surgery and prevention of type 2 diabetes in Swedish obese subjects. <i>New England Journal of Medicine</i> , 2012 , 367, 695-704	59.2	567
180	Population-based resequencing of ANGPTL4 uncovers variations that reduce triglycerides and increase HDL. <i>Nature Genetics</i> , 2007 , 39, 513-6	36.3	423
179	Genetics and epigenetics of NAFLD and NASH: Clinical impact. <i>Journal of Hepatology</i> , 2018 , 68, 268-279	13.4	362
178	The MBOAT7-TMC4 Variant rs641738 Increases Risk of Nonalcoholic Fatty Liver Disease in Individuals of European Descent. <i>Gastroenterology</i> , 2016 , 150, 1219-1230.e6	13.3	347
177	Transmembrane 6 superfamily member 2 gene variant disentangles nonalcoholic steatohepatitis from cardiovascular disease. <i>Hepatology</i> , 2015 , 61, 506-14	11.2	311
176	Rare loss-of-function mutations in ANGPTL family members contribute to plasma triglyceride levels in humans. <i>Journal of Clinical Investigation</i> , 2009 , 119, 70-9	15.9	277
175	PNPLA3 has retinyl-palmitate lipase activity in human hepatic stellate cells. <i>Human Molecular Genetics</i> , 2014 , 23, 4077-85	5.6	230
174	Statin use and non-alcoholic steatohepatitis in at risk individuals. <i>Journal of Hepatology</i> , 2015 , 63, 705-12	13.4	227
173	An Integrated Understanding of the Rapid Metabolic Benefits of a Carbohydrate-Restricted Diet on Hepatic Steatosis in Humans. <i>Cell Metabolism</i> , 2018 , 27, 559-571.e5	24.6	189
172	Patatin-like phospholipase domain-containing 3 (PNPLA3) I148M (rs738409) affects hepatic VLDL secretion in humans and in vitro. <i>Journal of Hepatology</i> , 2012 , 57, 1276-82	13.4	188
171	Association between the PNPLA3 (rs738409 C>G) variant and hepatocellular carcinoma: Evidence from a meta-analysis of individual participant data. <i>Hepatology</i> , 2014 , 59, 2170-7	11.2	156
170	PNPLA3 I148M polymorphism and progressive liver disease. <i>World Journal of Gastroenterology</i> , 2013 , 19, 6969-78	5.6	153
169	Effect of short-term carbohydrate overfeeding and long-term weight loss on liver fat in overweight humans. <i>American Journal of Clinical Nutrition</i> , 2012 , 96, 727-34	7	145
168	Morbid obesity exposes the association between PNPLA3 I148M (rs738409) and indices of hepatic injury in individuals of European descent. <i>International Journal of Obesity</i> , 2010 , 34, 190-4	5.5	141
167	Causal relationship of hepatic fat with liver damage and insulin resistance in nonalcoholic fatty liver. <i>Journal of Internal Medicine</i> , 2018 , 283, 356-370	10.8	140
166	PNPLA3 gene in liver diseases. <i>Journal of Hepatology</i> , 2016 , 65, 399-412	13.4	140

165	MBOAT7 rs641738 variant and hepatocellular carcinoma in non-cirrhotic individuals. <i>Scientific Reports</i> , 2017 , 7, 4492	4.9	131
164	Cardiovascular events after bariatric surgery in obese subjects with type 2 diabetes. <i>Diabetes Care</i> , 2012 , 35, 2613-7	14.6	127
163	The 148M allele of the PNPLA3 gene is associated with indices of liver damage early in life. <i>Journal of Hepatology</i> , 2010 , 53, 335-8	13.4	121
162	Recombinant PNPLA3 protein shows triglyceride hydrolase activity and its I148M mutation results in loss of function. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2014 , 1841, 574-80 ⁵		118
161	Association of the human adiponectin gene and insulin resistance. <i>European Journal of Human Genetics</i> , 2004 , 12, 199-205	5.3	108
160	The adiponectin gene SNP+276G>T associates with early-onset coronary artery disease and with lower levels of adiponectin in younger coronary artery disease patients (age . <i>Journal of Molecular Medicine</i> , 2005 , 83, 711-9	5.5	105
159	Hepatocellular carcinoma in nonalcoholic fatty liver: role of environmental and genetic factors. <i>World Journal of Gastroenterology</i> , 2014 , 20, 12945-55	5.6	98
158	Alcohol consumption and alcohol problems after bariatric surgery in the Swedish obese subjects study. <i>Obesity</i> , 2013 , 21, 2444-51	8	97
157	Stratification of Hepatocellular Carcinoma Patients Based on Acetate Utilization. <i>Cell Reports</i> , 2015 , 13, 2014-26	10.6	92
156	EU-Wide Cross-Sectional Observational Study of Lipid-Modifying Therapy Use in Secondary and Primary Care: the DA VINCI study. <i>European Journal of Preventive Cardiology</i> , 2021 , 28, 1279-1289	3.9	92
155	PNPLA3 Gene Polymorphism Is Associated With Predisposition to and Severity of Alcoholic Liver Disease. <i>American Journal of Gastroenterology</i> , 2015 , 110, 846-56	0.7	90
154	Genetic Factors in the Pathogenesis of Nonalcoholic Fatty Liver and Steatohepatitis. <i>BioMed Research International</i> , 2015 , 2015, 460190	3	89
153	Genetic variation in ANGPTL4 provides insights into protein processing and function. <i>Journal of Biological Chemistry</i> , 2009 , 284, 13213-22	5.4	87
152	Pnpla3 silencing with antisense oligonucleotides ameliorates nonalcoholic steatohepatitis and fibrosis in Pnpla3 I148M knock-in mice. <i>Molecular Metabolism</i> , 2019 , 22, 49-61	8.8	83
151	PNPLA3 I148M (rs738409) genetic variant is associated with hepatocellular carcinoma in obese individuals. <i>Digestive and Liver Disease</i> , 2012 , 44, 1037-41	3.3	76
150	PNPLA3 overexpression results in reduction of proteins predisposing to fibrosis. <i>Human Molecular Genetics</i> , 2016 , 25, 5212-5222	5.6	71
149	The rs2294918 E434K variant modulates patatin-like phospholipase domain-containing 3 expression and liver damage. <i>Hepatology</i> , 2016 , 63, 787-98	11.2	70
148	Paradoxical lower serum triglyceride levels and higher type 2 diabetes mellitus susceptibility in obese individuals with the PNPLA3 148M variant. <i>PLoS ONE</i> , 2012 , 7, e39362	3.7	66

147	Leveraging Human Genetics to Identify Potential New Treatments for Fatty Liver Disease. <i>Cell Metabolism</i> , 2020 , 31, 35-45	24.6	64
146	Adverse effects of fructose on cardiometabolic risk factors and hepatic lipid metabolism in subjects with abdominal obesity. <i>Journal of Internal Medicine</i> , 2017 , 282, 187-201	10.8	63
145	Unravelling the pathogenesis of fatty liver disease: patatin-like phospholipase domain-containing 3 protein. <i>Current Opinion in Lipidology</i> , 2010 , 21, 247-52	4.4	62
144	PNPLA3 I148M Variant Influences Circulating Retinol in Adults with Nonalcoholic Fatty Liver Disease or Obesity. <i>Journal of Nutrition</i> , 2015 , 145, 1687-91	4.1	59
143	Horizon 2020 EuPRAXIA design study. <i>Journal of Physics: Conference Series</i> , 2017 , 874, 012029	0.3	57
142	Paradoxical dissociation between hepatic fat content and de novo lipogenesis due to PNPLA3 sequence variant. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, E821-5	5.6	55
141	Long-term effect of bariatric surgery on liver enzymes in the Swedish Obese Subjects (SOS) study. <i>PLoS ONE</i> , 2013 , 8, e60495	3.7	55
140	The incidence of albuminuria after bariatric surgery and usual care in Swedish Obese Subjects (SOS): a prospective controlled intervention trial. <i>International Journal of Obesity</i> , 2015 , 39, 169-75	5.5	54
139	Evaluation of current eligibility criteria for bariatric surgery: diabetes prevention and risk factor changes in the Swedish obese subjects (SOS) study. <i>Diabetes Care</i> , 2013 , 36, 1335-40	14.6	53
138	The expression of NAD(P)H:quinone oxidoreductase 1 is high in human adipose tissue, reduced by weight loss, and correlates with adiposity, insulin sensitivity, and markers of liver dysfunction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2007 , 92, 2346-52	5.6	53
137	The G972R variant of the insulin receptor substrate-1 (IRS-1) gene, body fat distribution and insulin-resistance. <i>Diabetologia</i> , 2001 , 44, 367-72	10.3	52
136	Non-invasive stratification of hepatocellular carcinoma risk in non-alcoholic fatty liver using polygenic risk scores. <i>Journal of Hepatology</i> , 2021 , 74, 775-782	13.4	50
135	Genetic diagnosis of familial hypercholesterolaemia by targeted next-generation sequencing. <i>Journal of Internal Medicine</i> , 2014 , 276, 396-403	10.8	47
134	Osteoporosis in chronic inflammatory disease: the role of malnutrition. <i>Endocrine</i> , 2013 , 43, 59-64	4	47
133	Transmembrane 6 superfamily member 2 gene E167K variant impacts on steatosis and liver damage in chronic hepatitis C patients. <i>Hepatology</i> , 2015 , 62, 111-7	11.2	46
132	Does nonalcoholic fatty liver disease cause cardiovascular disease? Current knowledge and gaps. <i>Atherosclerosis</i> , 2019 , 282, 110-120	3.1	45
131	The role of PNPLA3 in health and disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019 , 1864, 900-906	5	44
130	The TM6SF2 E167K genetic variant induces lipid biosynthesis and reduces apolipoprotein B secretion in human hepatic 3D spheroids. <i>Scientific Reports</i> , 2019 , 9, 11585	4.9	44

129	Individuals with Metabolically Healthy Overweight/Obesity Have Higher Fat Utilization than Metabolically Unhealthy Individuals. <i>Nutrients</i> , 2016 , 8,	6.7	43
128	Rare Pathogenic Variants Predispose to Hepatocellular Carcinoma in Nonalcoholic Fatty Liver Disease. <i>Scientific Reports</i> , 2019 , 9, 3682	4.9	42
127	Prevalence and Risk Factors of Significant Fibrosis in Patients With Nonalcoholic Fatty Liver Without Steatohepatitis. <i>Clinical Gastroenterology and Hepatology</i> , 2019 , 17, 2310-2319.e6	6.9	42
126	PNPLA3 I148M variant and hepatocellular carcinoma: a common genetic variant for a rare disease. <i>Digestive and Liver Disease</i> , 2013 , 45, 619-24	3.3	42
125	Patatin-like phospholipase domain containing 3 sequence variant and hepatocellular carcinoma. <i>Hepatology</i> , 2011 , 53, 1776; author reply 1777	11.2	42
124	LPIAT1/MBOAT7 depletion increases triglyceride synthesis fueled by high phosphatidylinositol turnover. <i>Gut</i> , 2021 , 70, 180-193	19.2	39
123	Review article: the emerging role of genetics in precision medicine for patients with non-alcoholic steatohepatitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2020 , 51, 1305-1320	6.1	38
122	Human Multilineage 3D Spheroids as a Model of Liver Steatosis and Fibrosis. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	37
121	Altered glucose homeostasis is associated with increased serum apelin levels in type 2 diabetes mellitus. <i>PLoS ONE</i> , 2012 , 7, e51236	3.7	37
120	Mboat7 down-regulation by hyper-insulinemia induces fat accumulation in hepatocytes. <i>EBioMedicine</i> , 2020 , 52, 102658	8.8	36
119	Experimental characterization of active plasma lensing for electron beams. <i>Applied Physics Letters</i> , 2017 , 110, 104101	3.4	35
118	PNPLA3 I148M (rs738409) genetic variant and age at onset of at-risk alcohol consumption are independent risk factors for alcoholic cirrhosis. <i>Liver International</i> , 2014 , 34, 514-20	7.9	35
117	Association of MBOAT7 gene variant with plasma ALT levels in children: the PANIC study. <i>Pediatric Research</i> , 2016 , 80, 651-655	3.2	34
116	Liver transcriptomics highlights interleukin-32 as novel NAFLD-related cytokine and candidate biomarker. <i>Gut</i> , 2020 , 69, 1855-1866	19.2	34
115	MBOAT7 is anchored to endomembranes by six transmembrane domains. <i>Journal of Structural Biology</i> , 2019 , 206, 349-360	3.4	33
114	The androgen receptor confers protection against diet-induced atherosclerosis, obesity, and dyslipidemia in female mice. <i>FASEB Journal</i> , 2015 , 29, 1540-50	0.9	32
113	The SPARC_LAB Thomson source. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016 , 829, 237-242	1.2	31
112	EuPRAXIA@SPARC_LAB Design study towards a compact FEL facility at LNF. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018 , 909, 134-138	1.2	31

111	Effect of the replacement of dietary vegetable oils with a low dose of extravirgin olive oil in the Mediterranean Diet on cognitive functions in the elderly. <i>Journal of Translational Medicine</i> , 2018 , 16, 10	8.5	30
110	HCC and liver disease risks in homozygous PNPLA3 p.1148M carriers approach monogenic inheritance. <i>Journal of Hepatology</i> , 2015 , 62, 980-1	13.4	30
109	Lack of effect of apolipoprotein C3 polymorphisms on indices of liver steatosis, lipid profile and insulin resistance in obese Southern Europeans. <i>Lipids in Health and Disease</i> , 2011 , 10, 93	4.4	30
108	Insulin resistance uncoupled from dyslipidemia due to C-terminal PIK3R1 mutations. <i>JCI Insight</i> , 2016 , 1, e88766	9.9	30
107	Protein phosphatase 1 regulatory subunit 3B gene variation protects against hepatic fat accumulation and fibrosis in individuals at high risk of nonalcoholic fatty liver disease. <i>Hepatology Communications</i> , 2018 , 2, 666-675	6	30
106	Perilipin 5 is protective in the ischemic heart. <i>International Journal of Cardiology</i> , 2016 , 219, 446-54	3.2	29
105	Telomerase reverse transcriptase germline mutations and hepatocellular carcinoma in patients with nonalcoholic fatty liver disease. <i>Cancer Medicine</i> , 2017 , 6, 1930-1940	4.8	29
104	Association of FTO polymorphisms with early age of obesity in obese Italian subjects. <i>Experimental Diabetes Research</i> , 2012 , 2012, 872176		29
103	DEPDC5 variants increase fibrosis progression in Europeans with chronic hepatitis C virus infection. <i>Hepatology</i> , 2016 , 63, 418-27	11.2	29
102	Focusing of High-Brightness Electron Beams with Active-Plasma Lenses. <i>Physical Review Letters</i> , 2018 , 121, 174801	7.4	28
101	gene variation bridges atherogenic dyslipidemia with hepatic inflammation in NAFLD patients. <i>Journal of Lipid Research</i> , 2019 , 60, 1144-1153	6.3	27
100	Experimental characterization of the effects induced by passive plasma lens on high brightness electron bunches. <i>Applied Physics Letters</i> , 2017 , 111, 184101	3.4	26
99	Monitoring of lipids, enzymes, and creatine kinase in patients on lipid-lowering drug therapy. <i>Current Cardiology Reports</i> , 2013 , 15, 397	4.2	25
98	Search for genetic variants of the SYNTAXIN 1A (STX1A) gene: the -352 A>T variant in the STX1A promoter associates with impaired glucose metabolism in an Italian obese population. <i>International Journal of Obesity</i> , 2008 , 32, 413-20	5.5	25
97	The 30UTR C>T polymorphism of the oxidized LDL-receptor 1 (OLR1) gene does not associate with coronary artery disease in Italian CAD patients or with the severity of coronary disease. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2006 , 16, 345-52	4.5	24
96	Identification and characterization of two novel mutations in the LPL gene causing type I hyperlipoproteinemia. <i>Journal of Clinical Lipidology</i> , 2016 , 10, 816-823	4.9	24
95	rs641738C>T near MBOAT7 is associated with liver fat, ALT and fibrosis in NAFLD: A meta-analysis. <i>Journal of Hepatology</i> , 2021 , 74, 20-30	13.4	24
94	The PNPLA3 Ile148Met interacts with overweight and dietary intakes on fasting triglyceride levels. <i>Genes and Nutrition</i> , 2014 , 9, 388	4.3	23

93	High Vegetable Fats Intake Is Associated with High Resting Energy Expenditure in Vegetarians. <i>Nutrients</i> , 2015 , 7, 5933-47	6.7	23
92	Congenital analbuminemia attributable to compound heterozygosity for novel mutations in the albumin gene. <i>Clinical Chemistry</i> , 2005 , 51, 1256-8	5.5	23
91	EuPRAXIA Conceptual Design Report. <i>European Physical Journal: Special Topics</i> , 2020 , 229, 3675-4284	2.3	23
90	Exome-Wide Association Study on Alanine Aminotransferase Identifies Sequence Variants in the GPAM and APOE Associated With Fatty Liver Disease. <i>Gastroenterology</i> , 2021 , 160, 1634-1646.e7	13.3	23
89	Longitudinal Phase-Space Manipulation with Beam-Driven Plasma Wakefields. <i>Physical Review Letters</i> , 2019 , 122, 114801	7.4	22
88	Genetic variation in SULF2 is associated with postprandial clearance of triglyceride-rich remnant particles and triglyceride levels in healthy subjects. <i>PLoS ONE</i> , 2013 , 8, e79473	3.7	22
87	Femtosecond timing-jitter between photo-cathode laser and ultra-short electron bunches by means of hybrid compression. <i>New Journal of Physics</i> , 2016 , 18, 083033	2.9	20
86	PNPLA 3 I148M genetic variant associates with insulin resistance and baseline viral load in HCV genotype 2 but not in genotype 3 infection. <i>BMC Medical Genetics</i> , 2012 , 13, 82	2.1	20
85	Nutritional parameters predicting pressure ulcers and short-term mortality in patients with minimal conscious state as a result of traumatic and non-traumatic acquired brain injury. <i>Journal of Translational Medicine</i> , 2015 , 13, 305	8.5	19
84	Notch and Nonalcoholic Fatty Liver and Fibrosis. <i>New England Journal of Medicine</i> , 2019 , 380, 681-683	59.2	19
83	Association between low C-peptide and low lumbar bone mineral density in postmenopausal women without diabetes. <i>Osteoporosis International</i> , 2015 , 26, 1639-46	5.3	18
82	The G972R variant of the insulin receptor substrate-1 gene impairs insulin signaling and cell differentiation in 3T3L1 adipocytes; treatment with a PPARgamma agonist restores normal cell signaling and differentiation. <i>Journal of Endocrinology</i> , 2006 , 188, 271-85	4.7	18
81	PNPLA3 148M Carriers with Inflammatory Bowel Diseases Have Higher Susceptibility to Hepatic Steatosis and Higher Liver Enzymes. <i>Inflammatory Bowel Diseases</i> , 2016 , 22, 134-40	4.5	18
80	Complete clinical remission and disappearance of liver metastases after treatment with somatostatin analogue in a 40-year-old woman with a malignant insulinoma positive for somatostatin receptors type 2. <i>Hormone Research in Paediatrics</i> , 2006 , 65, 120-5	3.3	17
79	Lycopene and bone: an in vitro investigation and a pilot prospective clinical study. <i>Journal of Translational Medicine</i> , 2020 , 18, 43	8.5	14
78	The effect of the TM6SF2 E167K variant on liver steatosis and fibrosis in patients with chronic hepatitis C: a meta-analysis. <i>Scientific Reports</i> , 2017 , 7, 9273	4.9	14
77	The COBLL1 C allele is associated with lower serum insulin levels and lower insulin resistance in overweight and obese children. <i>Diabetes/Metabolism Research and Reviews</i> , 2013 , 29, 413-6	7.5	14
76	Lack of genetic evidence that fatty liver disease predisposes to COVID-19. <i>Journal of Hepatology</i> , 2020 , 73, 709-711	13.4	14

75	Transmembrane-6 superfamily member 2 (TM6SF2) E167K variant increases susceptibility to hepatic steatosis in obese children. <i>Digestive and Liver Disease</i> , 2016 , 48, 100-1	3.3	14
74	Protein and vitamin B6 intake are associated with liver steatosis assessed by transient elastography, especially in obese individuals. <i>Clinical and Molecular Hepatology</i> , 2017 , 23, 249-259	6.9	13
73	Effects of TM6SF2 E167K on hepatic lipid and very low-density lipoprotein metabolism in humans. <i>JCI Insight</i> , 2020 , 5,	9.9	13
72	Leptin, Resistin, and Proprotein Convertase Subtilisin/Kexin Type 9: The Role of STAT3. <i>American Journal of Pathology</i> , 2020 , 190, 2226-2236	5.8	12
71	A Polygenic Risk Score to Refine Risk Stratification and Prediction for Severe Liver Disease by Clinical Fibrosis Scores. <i>Clinical Gastroenterology and Hepatology</i> , 2021 ,	6.9	12
70	ANGPTL4 gene E40K variation protects against obesity-associated dyslipidemia in participants with obesity. <i>Obesity Science and Practice</i> , 2019 , 5, 83-90	2.6	11
69	Gender difference in handgrip strength of Italian children aged 9 to 10 years. <i>Italian Journal of Pediatrics</i> , 2016 , 42, 16	3.2	11
68	Individuals with familial hypercholesterolemia and cardiovascular events have higher circulating Lp(a) levels. <i>Journal of Clinical Lipidology</i> , 2019 , 13, 778-787.e6	4.9	11
67	Carotid and brachial arterial enlargement in postmenopausal women with hypertension. <i>Menopause</i> , 2012 , 19, 145-9	2.5	11
66	A benchmark-driven approach to reconstruct metabolic networks for studying cancer metabolism. <i>PLoS Computational Biology</i> , 2019 , 15, e1006936	5	10
65	Analysis of TBC1D4 in patients with severe insulin resistance. <i>Diabetologia</i> , 2010 , 53, 1239-42	10.3	10
64	Discovery and Targeting of the Signaling Controls of to Effectively Reduce Transcription, Expression, and Function in Pre-Clinical NAFLD/NASH Settings. <i>Cells</i> , 2020 , 9,	7.9	10
63	PCSK9 rs11591147 R46L loss-of-function variant protects against liver damage in individuals with NAFLD. <i>Liver International</i> , 2021 , 41, 321-332	7.9	10
62	Identification of novel loss of function variants in MBOAT7 resulting in intellectual disability. <i>Genomics</i> , 2020 , 112, 4072-4077	4.3	9
61	Postmenopausal women with carotid atherosclerosis: potential role of the serum calcium levels. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013 , 23, 1141-6	4.5	9
60	Type 1 hyperlipoproteinemia due to a novel deletion of exons 3 and 4 in the GPIHBP1 gene. <i>Atherosclerosis</i> , 2014 , 234, 30-3	3.1	9
59	EuPRAXIA@SPARC_LAB: The high-brightness RF photo-injector layout proposal. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018 , 909, 282-285	1.2	9
58	Beam manipulation for resonant plasma wakefield acceleration. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2017 , 865, 139-143	1.2	8

57	Virtual genetic diagnosis for familial hypercholesterolemia powered by machine learning. <i>European Journal of Preventive Cardiology</i> , 2020 , 27, 1639-1646	3.9	8
56	Serum adiponectin is decreased in patients with familial combined hyperlipidemia and normolipaemic relatives and is influenced by lipid-lowering treatment. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2009 , 19, 660-6	4.5	8
55	Search for genetic variants in the retinoid X receptor-gamma-gene by polymerase chain reaction-single-strand conformation polymorphism in patients with resistance to thyroid hormone without mutations in thyroid hormone receptor beta gene. <i>Thyroid</i> , 2004 , 14, 355-8	6.2	8
54	The G972R variant of the insulin receptor substrate-1 (IRS-1) gene is associated with insulin resistance in "uncomplicated" obese subjects evaluated by hyperinsulinemic-euglycemic clamp. <i>Journal of Endocrinological Investigation</i> , 2004 , 27, 754-9	5.2	8
53	Proinsulin C-peptide modulates the expression of ERK1/2, type I collagen and RANKL in human osteoblast-like cells (Saos-2). <i>Molecular and Cellular Endocrinology</i> , 2017 , 442, 134-141	4.4	7
52	The IRS1 rs2943641 variant and risk of future cancer among morbidly obese individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, E785-9	5.6	7
51	PNPLA3 genetic variation in alcoholic steatosis and liver disease progression. <i>Hepatobiliary Surgery and Nutrition</i> , 2015 , 4, 152-60	2.1	7
50	Status of the Horizon 2020 EuPRAXIA conceptual design study. <i>Journal of Physics: Conference Series</i> , 2019 , 1350, 012059	0.3	7
49	Deciphering the role of V200A and N291S mutations leading to LPL deficiency. <i>Atherosclerosis</i> , 2019 , 282, 45-51	3.1	6
48	Molecular analysis of three known and one novel LPL variants in patients with type I hyperlipoproteinemia. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018 , 28, 158-164	4.5	6
47	The link between nutritional parameters and bone mineral density in women: results of a screening programme for osteoporosis. <i>Journal of Translational Medicine</i> , 2014 , 12, 46	8.5	6
46	Fat utilization and arterial hypertension in overweight/obese subjects. <i>Journal of Translational Medicine</i> , 2013 , 11, 159	8.5	6
45	Reply: To PMID 25251399. <i>Hepatology</i> , 2015 , 62, 660	11.2	6
44	Nutrients utilization in obese individuals with and without hypertriglyceridemia. <i>Nutrients</i> , 2014 , 6, 790-8.7	8.7	6
43	Indole-3-Propionic Acid, a Gut-Derived Tryptophan Metabolite, Associates with Hepatic Fibrosis. <i>Nutrients</i> , 2021 , 13,	6.7	6
42	Lipid Oxidation Assessed by Indirect Calorimetry Predicts Metabolic Syndrome and Type 2 Diabetes. <i>Frontiers in Endocrinology</i> , 2018 , 9, 806	5.7	6
41	Weight Gain and Liver Steatosis in Patients with Inflammatory Bowel Diseases. <i>Nutrients</i> , 2019 , 11,	6.7	5
40	Effects of C-Peptide Replacement Therapy on Bone Microarchitecture Parameters in Streptozotocin-Diabetic Rats. <i>Calcified Tissue International</i> , 2020 , 107, 266-280	3.9	5

39	The PNPLA3 I148M variant and chronic liver disease: When a genetic mutation meets nutrients. <i>Food Research International</i> , 2014 , 63, 239-243	7	5
38	Brachial artery diameter measurement: a tool to simplify non-invasive vascular assessment. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012 , 22, 8-13	4.5	5
37	Clinical application of best practice guidelines for the genetic diagnosis of MODY2 and MODY3. <i>Diabetic Medicine</i> , 2010 , 27, 1331-3	3.5	5
36	Single-strand conformation polymorphism analysis of the glucose transporter gene GLUT1 in maturity-onset diabetes of the young. <i>Journal of Molecular Medicine</i> , 2001 , 79, 270-4	5.5	5
35	Human and molecular genetics shed lights on fatty liver disease and diabetes conundrum. <i>Endocrinology, Diabetes and Metabolism</i> , 2020 , 3, e00179	2.7	5
34	First on-line survey of an international multidisciplinary working group (MightyMedic) on current practice in diagnosis, therapy and follow-up of dyslipidemias. <i>Atherosclerosis Supplements</i> , 2015 , 18, 241- 50 ^{1.7}	1.7	4
33	Dietary Patterns and Fractures Risk in the Elderly. <i>Frontiers in Endocrinology</i> , 2017 , 8, 344	5.7	4
32	Subclinical cardiovascular damage and fat utilization in overweight/obese individuals receiving the same dietary and pharmacological interventions. <i>Nutrients</i> , 2014 , 6, 5560-71	6.7	4
31	Macrophage Scavenger Receptor 1 mediates lipid-induced inflammation in non-alcoholic fatty liver disease.. <i>Journal of Hepatology</i> , 2021 ,	13.4	4
30	Inborn and acquired risk factors for severe liver disease in Europeans with type 2 diabetes from the UK Biobank. <i>JHEP Reports</i> , 2021 , 3, 100262	10.3	4
29	Extracting quantitative biological information from bright-field cell images using deep learning. <i>Biophysics Reviews</i> , 2021 , 2, 031401	2.6	4
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