

Stefano Romeo

List of Publications by Year in descending order

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109
papers

9,948
citations

66343

42
h-index

34986

98
g-index

109
all docs

109
docs citations

109
times ranked

11158
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic variation in PNPLA3 confers susceptibility to nonalcoholic fatty liver disease. <i>Nature Genetics</i> , 2008, 40, 1461-1465.	21.4	2,764
2	Bariatric Surgery and Prevention of Type 2 Diabetes in Swedish Obese Subjects. <i>New England Journal of Medicine</i> , 2012, 367, 695-704.	27.0	698
3	Population-based resequencing of ANGPTL4 uncovers variations that reduce triglycerides and increase HDL. <i>Nature Genetics</i> , 2007, 39, 513-516.	21.4	473
4	Transmembrane 6 superfamily member 2 gene variant disentangles nonalcoholic steatohepatitis from cardiovascular disease. <i>Hepatology</i> , 2015, 61, 506-514.	7.3	424
5	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.	8.2	322
6	Statin use and non-alcoholic steatohepatitis in at risk individuals. <i>Journal of Hepatology</i> , 2015, 63, 705-712.	3.7	309
7	PNPLA3 has retinyl-palmitate lipase activity in human hepatic stellate cells. <i>Human Molecular Genetics</i> , 2014, 23, 4077-4085.	2.9	293
8	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, 1276-1282.	3.7	232
9	PNPLA3 I148M polymorphism and progressive liver disease. <i>World Journal of Gastroenterology</i> , 2013, 19, 6969.	3.3	207
10	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, 2170-2177.	7.3	193
11	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, 727-734.	4.7	171
12	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, 190-194.	3.4	161
13	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, 574-580.	2.4	153
14	Cardiovascular Events After Bariatric Surgery in Obese Subjects With Type 2 Diabetes. <i>Diabetes Care</i> , 2012, 35, 2613-2617.	8.6	152
15	The 148M allele of the PNPLA3 gene is associated with indices of liver damage early in life. <i>Journal of Hepatology</i> , 2010, 53, 335-338.	3.7	146
16	Alcohol consumption and alcohol problems after bariatric surgery in the swedish obese subjects study. <i>Obesity</i> , 2013, 21, 2444-2451.	3.0	136
17	Association of the human adiponectin gene and insulin resistance. <i>European Journal of Human Genetics</i> , 2004, 12, 199-205.	2.8	124
18	PNPLA3 Gene Polymorphism Is Associated With Predisposition to and Severity of Alcoholic Liver Disease. <i>American Journal of Gastroenterology</i> , 2015, 110, 846-856.	0.4	120

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19	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 ≤ 50 years). <i>Journal of Molecular Medicine</i> , 2005, 83, 711-719.	3.9	119
20	Hepatocellular carcinoma in nonalcoholic fatty liver: Role of environmental and genetic factors. <i>World Journal of Gastroenterology</i> , 2014, 20, 12945.	3.3	117
21	Genetic Factors in the Pathogenesis of Nonalcoholic Fatty Liver and Steatohepatitis. <i>BioMed Research International</i> , 2015, 2015, 1-10.	1.9	116
22	Genetic Variation in ANGPTL4 Provides Insights into Protein Processing and Function. <i>Journal of Biological Chemistry</i> , 2009, 284, 13213-13222.	3.4	112
23	Review article: the emerging role of genetics in precision medicine for patients with nonalcoholic steatohepatitis. <i>Alimentary Pharmacology and Therapeutics</i> , 2020, 51, 1305-1320.	3.7	103
24	PNPLA3 I148M (rs738409) genetic variant is associated with hepatocellular carcinoma in obese individuals. <i>Digestive and Liver Disease</i> , 2012, 44, 1037-1041.	0.9	100
25	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.	2.5	78
26	PNPLA3 I148M Variant Influences Circulating Retinol in Adults with Nonalcoholic Fatty Liver Disease or Obesity. <i>Journal of Nutrition</i> , 2015, 145, 1687-1691.	2.9	78
27	Unravelling the pathogenesis of fatty liver disease: patatin-like phospholipase domain-containing 3 protein. <i>Current Opinion in Lipidology</i> , 2010, 21, 247-252.	2.7	73
28	Long-Term Effect of Bariatric Surgery on Liver Enzymes in the Swedish Obese Subjects (SOS) Study. <i>PLoS ONE</i> , 2013, 8, e60495.	2.5	69
29	Evaluation of Current Eligibility Criteria for Bariatric Surgery. <i>Diabetes Care</i> , 2013, 36, 1335-1340.	8.6	68
30	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-E825.	3.6	64
31	Osteoporosis in chronic inflammatory disease: the role of malnutrition. <i>Endocrine</i> , 2013, 43, 59-64.	2.3	62
32	The G972R variant of the Insulin Receptor Substrate-1 (IRS-1) gene, body fat distribution and insulin-resistance. <i>Diabetologia</i> , 2001, 44, 367-372.	6.3	61
33	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, 2346-2352.	3.6	60
34	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, 169-175.	3.4	60
35	Horizon 2020 EuPRAXIA design study. <i>Journal of Physics: Conference Series</i> , 2017, 874, 012029.	0.4	60
36	Genetic diagnosis of familial hypercholesterolaemia by targeted next-generation sequencing. <i>Journal of Internal Medicine</i> , 2014, 276, 396-403.	6.0	57

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37	PNPLA3 I148M variant and hepatocellular carcinoma: A common genetic variant for a rare disease. <i>Digestive and Liver Disease</i> , 2013, 45, 619-624.	0.9	55
38	Transmembrane 6 superfamily member 2 gene E167K variant impacts on steatosis and liver damage in chronic hepatitis C patients. <i>Hepatology</i> , 2015, 62, 111-117.	7.3	52
39	Patatin-like phospholipase domain containing 3 sequence variant and hepatocellular carcinoma. <i>Hepatology</i> , 2011, 53, 1776-1776.	7.3	49
40	Altered Glucose Homeostasis Is Associated with Increased Serum Apelin Levels in Type 2 Diabetes Mellitus. <i>PLoS ONE</i> , 2012, 7, e51236.	2.5	47
41	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.	1.6	46
42	Genetic study of common variants at the Apo E, Apo AI, Apo CIII, Apo B, lipoprotein lipase (LPL) and hepatic lipase (LIPC) genes and coronary artery disease (CAD): variation in LIPC gene associates with clinical outcomes in patients with established CAD. <i>BMC Medical Genetics</i> , 2003, 4, 8.	2.1	44
43	The androgen receptor confers protection against diet-induced atherosclerosis, obesity, and dyslipidemia in female mice. <i>FASEB Journal</i> , 2015, 29, 1540-1550.	0.5	43
44	The G-308A variant of the Tumor Necrosis Factor- α (TNF- α) gene is not associated with obesity, insulin resistance and body fat distribution. <i>BMC Medical Genetics</i> , 2001, 2, 10.	2.1	42
45	HCC and liver disease risks in homozygous PNPLA3 p.I148M carriers approach monogenic inheritance. <i>Journal of Hepatology</i> , 2015, 62, 980-981.	3.7	42
46	Experimental characterization of active plasma lensing for electron beams. <i>Applied Physics Letters</i> , 2017, 110, .	3.3	42
47	<i>PNPLA3</i> I148M (rs738409) genetic variant and age at onset of alcohol consumption are independent risk factors for alcoholic cirrhosis. <i>Liver International</i> , 2014, 34, 514-520.	3.9	41
48	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.	4.4	41
49	Longitudinal Phase-Space Manipulation with Beam-Driven Plasma Wakefields. <i>Physical Review Letters</i> , 2019, 122, 114801.	7.8	41
50	Association of <i>FTO</i> Polymorphisms with Early Age of Obesity in Obese Italian Subjects. <i>Experimental Diabetes Research</i> , 2012, 2012, 1-7.	3.8	36
51	Free-electron lasing with compact beam-driven plasma wakefield accelerator. <i>Nature</i> , 2022, 605, 659-662.	27.8	36
52	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.	3.0	35
53	Beam manipulation with velocity bunching for PWFA applications. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 829, 17-23.	1.6	35
54	MAFLD vs NAFLD: Let the contest begin!. <i>Liver International</i> , 2020, 40, 2079-2081.	3.9	34

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55	Monitoring of Lipids, Enzymes, and Creatine Kinase in Patients on Lipid-Lowering Drug Therapy. <i>Current Cardiology Reports</i> , 2013, 15, 397.	2.9	31
56	The PNPLA3 Ile148Met interacts with overweight and dietary intakes on fasting triglyceride levels. <i>Genes and Nutrition</i> , 2014, 9, 388.	2.5	31
57	Energy spread minimization in a beam-driven plasma wakefield accelerator. <i>Nature Physics</i> , 2021, 17, 499-503.	16.7	30
58	Experimental characterization of the effects induced by passive plasma lens on high brightness electron bunches. <i>Applied Physics Letters</i> , 2017, 111, .	3.3	29
59	The 3' UTR 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, 345-352.	2.6	28
60	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.	2.5	28
61	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, 413-420.	3.4	27
62	Congenital Analbuminemia attributable to Compound Heterozygosity for Novel Mutations in the Albumin Gene. <i>Clinical Chemistry</i> , 2005, 51, 1256-1258.	3.2	26
63	High Vegetable Fats Intake Is Associated with High Resting Energy Expenditure in Vegetarians. <i>Nutrients</i> , 2015, 7, 5933-5947.	4.1	26
64	Indole-3-Propionic Acid, a Gut-Derived Tryptophan Metabolite, Associates with Hepatic Fibrosis. <i>Nutrients</i> , 2021, 13, 3509.	4.1	25
65	Association between low C-peptide and low lumbar bone mineral density in postmenopausal women without diabetes. <i>Osteoporosis International</i> , 2015, 26, 1639-1646.	3.1	22
66	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, 120-125.	1.8	21
67	PNPLA 3I148M 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	21
68	The G972R variant of the insulin receptor substrate-1 gene impairs insulin signaling and cell differentiation in 3T3L1 adipocytes; treatment with a PPAR γ agonist restores normal cell signaling and differentiation. <i>Journal of Endocrinology</i> , 2006, 188, 271-285.	2.6	19
69	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, 413-416.	4.0	19
70	No association between polymorphism in PEMT (V175M) and hepatic triglyceride content in the Dallas Heart Study. <i>FASEB Journal</i> , 2006, 20, 2180-2180.	0.5	18
71	Accuracy of controlled attenuation parameter for assessing liver steatosis in individuals with morbid obesity before bariatric surgery. <i>Liver International</i> , 2022, 42, 374-383.	3.9	14
72	Genetic risk scores and personalization of care in fatty liver disease. <i>Current Opinion in Pharmacology</i> , 2021, 61, 6-11.	3.5	13

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73	Analysis of TBC1D4 in patients with severe insulin resistance. <i>Diabetologia</i> , 2010, 53, 1239-1242.	6.3	12
74	Carotid and brachial arterial enlargement in postmenopausal women with hypertension. <i>Menopause</i> , 2012, 19, 145-149.	2.0	12
75	Type 1 hyperlipoproteinemia due to a novel deletion of exons 3 and 4 in the GPIHBP1 gene. <i>Atherosclerosis</i> , 2014, 234, 30-33.	0.8	12
76	Metabolic and genetic determinants for progression to severe liver disease in subjects with obesity from the UK Biobank. <i>International Journal of Obesity</i> , 2022, 46, 486-493.	3.4	12
77	Postmenopausal women with carotid atherosclerosis: Potential role of the serum calcium levels. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, 1141-1146.	2.6	10
78	Search for Genetic Variants in the Retinoid X Receptor- β -Gene by Polymerase Chain Reaction-Single-Strand Conformation Polymorphism in Patients with Resistance to Thyroid Hormone without Mutations in Thyroid Hormone Receptor β Gene. <i>Thyroid</i> , 2004, 14, 355-358.	4.5	9
79	MODY-like diabetes associated with an apparently balanced translocation: possible involvement of MPP7 gene and cell polarity in the pathogenesis of diabetes. <i>Molecular Cytogenetics</i> , 2009, 2, 5.	0.9	9
80	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.	4.4	9
81	Reply. <i>Hepatology</i> , 2015, 62, 660-660.	7.3	9
82	HSD17B13 as a promising therapeutic target against chronic liver disease. <i>Liver International</i> , 2020, 40, 756-757.	3.9	9
83	Serum adiponectin is decreased in patients with familial combined hyperlipidemia and normolipemic relatives and is influenced by lipid-lowering treatment. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2009, 19, 660-666.	2.6	8
84	Fat utilization and arterial hypertension in overweight/obese subjects. <i>Journal of Translational Medicine</i> , 2013, 11, 159.	4.4	8
85	A genetic hypothesis for burnt-out steatohepatitis. <i>Liver International</i> , 2021, 41, 2816-2818.	3.9	8
86	Search for genetic variants in the p66Shc longevity gene by PCR-single strand conformational polymorphism in patients with early-onset cardiovascular disease. <i>BMC Genetics</i> , 2006, 7, 14.	2.7	7
87	The IRS1rs2943641 Variant and Risk of Future Cancer Among Morbidly Obese Individuals. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013, 98, E785-E789.	3.6	7
88	Nutrients Utilization in Obese Individuals with and without Hypertriglyceridemia. <i>Nutrients</i> , 2014, 6, 790-798.	4.1	7
89	EuPRAXIA – a compact, cost-efficient particle and radiation source. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	7
90	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, 270-274.	3.9	6

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91	Clinical application of best practice guidelines for the genetic diagnosis of MODY2 and MODY3. <i>Diabetic Medicine</i> , 2010, 27, 1331-1333.	2.3	6
92	Brachial artery diameter measurement: A tool to simplify non-invasive vascular assessment. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012, 22, 8-13.	2.6	6
93	The PNPLA3 I148M variant and chronic liver disease: When a genetic mutation meets nutrients. <i>Food Research International</i> , 2014, 63, 239-243.	6.2	6
94	Editorial: new insights into the relationship between the intestine and non-alcoholic fatty liver is "the fatty gut" involved in disease progression?. <i>Alimentary Pharmacology and Therapeutics</i> , 2017, 46, 377-378.	3.7	6
95	Beam loading assisted matching scheme for high quality plasma acceleration in linear regime. <i>Physical Review Accelerators and Beams</i> , 2020, 23, .	1.6	6
96	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, 241-250.	1.2	5
97	Simulation design for forthcoming high quality plasma wakefield acceleration experiment in linear regime at SPARC_LAB. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2018, 909, 71-75.	1.6	5
98	Genetic variants in the MTHFR are not associated with fatty liver disease. <i>Liver International</i> , 2020, 40, 1934-1940.	3.9	5
99	Subclinical Cardiovascular Damage and Fat Utilization in Overweight/Obese Individuals Receiving the Same Dietary and Pharmacological Interventions. <i>Nutrients</i> , 2014, 6, 5560-5571.	4.1	4
100	Protein Phosphatase 1 Regulatory Subunit 3B Genotype at rs4240624 Has a Major Effect on Gallbladder Bile Composition. <i>Hepatology Communications</i> , 2021, 5, 244-257.	4.3	4
101	ACAT2 as a novel therapeutic target to treat fatty liver disease. <i>Journal of Internal Medicine</i> , 2022, 292, 175-176.	6.0	3
102	Carotid Intima-media Thickness. <i>American Journal of Therapeutics</i> , 2014, 21, 535-539.	0.9	2
103	Pharmacological lipid lowering for prevention of cardiovascular disease in older adults. <i>Clinical Practice (London, England)</i> , 2014, 11, 49-58.	0.1	2
104	Reply to Novelli. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2007, 17, e9-e10.	2.6	1
105	Beam dynamics in resonant plasma wakefield acceleration at SPARC_LAB. <i>Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment</i> , 2016, 829, 109-112.	1.6	1
106	Beam-based characterization of plasma density in a capillary-discharge waveguide. <i>AIP Advances</i> , 2021, 11, 065217.	1.3	1
107	Reply. <i>Hepatology</i> , 2014, 60, 1111-1112.	7.3	0
108	Reply. <i>Hepatology</i> , 2016, 63, 1052-1053.	7.3	0

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109	Don't forget to ask how mum and dad are doing. <i>Liver International</i> , 2019, 39, 623-624.	3.9	0