# Stefano Romeo

## List of Publications by Year in descending order



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|---|---|---|---|
| 109 papers | 9,948 citations | 66234 42 h-index | 34900 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. Nature Genetics, 2008, 40, 1461-1465. | 9.4 | 2,764 |
| 2 | Bariatric Surgery and Prevention of Type 2 Diabetes in Swedish Obese Subjects. New England Journal of Medicine, 2012, 367, 695-704. | 13.9 | 698 |
| 3 | Population-based resequencing of ANGPTL4 uncovers variations that reduce triglycerides and increase HDL. Nature Genetics, 2007, 39, 513-516. | 9.4 | 473 |
| 4 | Transmembrane 6 superfamily member 2 gene variant disentangles nonalcoholic steatohepatitis from cardiovascular disease. Hepatology, 2015, 61, 506-514. | 3.6 | 424 |
| 5 | Rare loss-of-function mutations in ANGPTL family members contribute to plasma triglyceride levels in humans. Journal of Clinical Investigation, 2009, 119, 70-9. | 3.9 | 322 |
| 6 | Statin use and non-alcoholic steatohepatitis in at risk individuals. Journal of Hepatology, 2015, 63, 705-712. | 1.8 | 309 |
| 7 | PNPLA3 has retinyl-palmitate lipase activity in human hepatic stellate cells. Human Molecular Genetics, 2014, 23, 4077-4085. | 1.4 | 293 |
| 8 | Patatin-like phospholipase domain-containing 3 (PNPLA3) I148M (rs738409) affects hepatic VLDL secretion in humans and in vitro. Journal of Hepatology, 2012, 57, 1276-1282. | 1.8 | 232 |
| 9 | PNPLA3 I148M polymorphism and progressive liver disease. World Journal of Gastroenterology, 2013, 19, 6969. | 1.4 | 207 |
| 10 | Association between thePNPLA3(rs738409 C>G) variant and hepatocellular carcinoma: Evidence from a meta-analysis of individual participant data. Hepatology, 2014, 59, 2170-2177. | 3.6 | 193 |
| 11 | Effect of short-term carbohydrate overfeeding and long-term weight loss on liver fat in overweight humans. American Journal of Clinical Nutrition, 2012, 96, 727-734. | 2.2 | 171 |
| 12 | Morbid obesity exposes the association between PNPLA3 I148M (rs738409) and indices of hepatic injury in individuals of European descent. International Journal of Obesity, 2010, 34, 190-194. | 1.6 | 161 |
| 13 | Recombinant PNPLA3 protein shows triglyceride hydrolase activity and its I148M mutation results in loss of function. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2014, 1841, 574-580. | 1.2 | 153 |
| 14 | Cardiovascular Events After Bariatric Surgery in Obese Subjects With Type 2 Diabetes. Diabetes Care, 2012, 35, 2613-2617. | 4.3 | 152 |
| 15 | The 148M allele of the PNPLA3 gene is associated with indices of liver damage early in life. Journal of Hepatology, 2010, 53, 335-338. | 1.8 | 146 |
| 16 | Alcohol consumption and alcohol problems after bariatric surgery in the swedish obese subjects study. Obesity, 2013, 21, 2444-2451. | 1.5 | 136 |
| 17 | Association of the human adiponectin gene and insulin resistance. European Journal of Human Genetics, 2004, 12, 199-205. | 1.4 | 124 |
| 18 | PNPLA3 Gene Polymorphism Is Associated With Predisposition to and Severity of Alcoholic Liver Disease. American Journal of Gastroenterology, 2015, 110, 846-856. | 0.2 | 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 â‰¤50 years). Journal of Molecular Medicine, 2005, 83, 711-719. | 1.7 | 119 |
| 20 | Hepatocellular carcinoma in nonalcoholic fatty liver: Role of environmental and genetic factors. World Journal of Gastroenterology, 2014, 20, 12945. | 1.4 | 117 |
| 21 | Genetic Factors in the Pathogenesis of Nonalcoholic Fatty Liver and Steatohepatitis. BioMed Research International, 2015, 2015, 1-10. | 0.9 | 116 |
| 22 | Genetic Variation in ANGPTL4 Provides Insights into Protein Processing and Function. Journal of Biological Chemistry, 2009, 284, 13213-13222. | 1.6 | 112 |
| 23 | Review article: the emerging role of genetics in precision medicine for patients with nonâ€alcoholic steatohepatitis. Alimentary Pharmacology and Therapeutics, 2020, 51, 1305-1320. | 1.9 | 103 |
| 24 | PNPLA3 I148M (rs738409) genetic variant is associated with hepatocellular carcinoma in obese individuals. Digestive and Liver Disease, 2012, 44, 1037-1041. | 0.4 | 100 |
| 25 | Paradoxical Lower Serum Triglyceride Levels and Higher Type 2 Diabetes Mellitus Susceptibility in Obese Individuals with the PNPLA3 148M Variant. PLoS ONE, 2012, 7, e39362. | 1.1 | 78 |
| 26 | PNPLA3 I148M Variant Influences Circulating Retinol in Adults with Nonalcoholic Fatty Liver Disease or Obesity ,. Journal of Nutrition, 2015, 145, 1687-1691. | 1.3 | 78 |
| 27 | Unravelling the pathogenesis of fatty liver disease: patatin-like phospholipase domain-containing 3 protein. Current Opinion in Lipidology, 2010, 21, 247-252. | 1.2 | 73 |
| 28 | Long-Term Effect of Bariatric Surgery on Liver Enzymes in the Swedish Obese Subjects (SOS) Study. PLoS ONE, 2013, 8, e60495. | 1.1 | 69 |
| 29 | Evaluation of Current Eligibility Criteria for Bariatric Surgery. Diabetes Care, 2013, 36, 1335-1340. | 4.3 | 68 |
| 30 | Paradoxical Dissociation Between Hepatic Fat Content and De Novo Lipogenesis Due to PNPLA3 Sequence Variant. Journal of Clinical Endocrinology and Metabolism, 2015, 100, E821-E825. | 1.8 | 64 |
| 31 | Osteoporosis in chronic inflammatory disease: the role of malnutrition. Endocrine, 2013, 43, 59-64. | 1.1 | 62 |
| 32 | The G972R variant of the Insulin Receptor Substrate-1 (IRS-1) gene, body fat distribution and insulin-resistance. Diabetologia, 2001, 44, 367-372. | 2.9 | 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. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 2346-2352. | 1.8 | 60 |
| 34 | The incidence of albuminuria after bariatric surgery and usual care in swedish obese subjects (SOS): a prospective controlled intervention trial. International Journal of Obesity, 2015, 39, 169-175. | 1.6 | 60 |
| 35 | Horizon 2020 EuPRAXIA design study. Journal of Physics: Conference Series, 2017, 874, 012029. | 0.3 | 60 |
| 36 | Genetic diagnosis of familial hypercholesterolaemia by targeted nextâ€generation sequencing. Journal of Internal Medicine, 2014, 276, 396-403. | 2.7 | 57 |

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|---|---|---|---|
| 37 | PNPLA3 I148M variant and hepatocellular carcinoma: A common genetic variant for a rare disease. Digestive and Liver Disease, 2013, 45, 619-624. | 0.4 | 55 |
| 38 | Transmembrane 6 superfamily member 2 gene E167K variant impacts on steatosis and liver damage in chronic hepatitis C patients. Hepatology, 2015, 62, 111-117. | 3.6 | 52 |
| 39 | Patatin-like phospholipase domain containing 3 sequence variant and hepatocellular carcinoma. Hepatology, 2011, 53, 1776-1776. | 3.6 | 49 |
| 40 | Altered Glucose Homeostasis Is Associated with Increased Serum Apelin Levels in Type 2 Diabetes Mellitus. PLoS ONE, 2012, 7, e51236. | 1.1 | 47 |
| 41 | EuPRAXIA@SPARC_LAB Design study towards a compact FEL facility at LNF. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 909, 134-138. | 0.7 | 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. BMC Medical Genetics, 2003, 4, 8. | 2.1 | 44 |
| 43 | The androgen receptor confers protection against dietâ€induced atherosclerosis, obesity, and dyslipidemia in female mice. FASEB Journal, 2015, 29, 1540-1550. | 0.2 | 43 |
| 44 | The G-308A variant of the Tumor Necrosis Factor-Î± (TNF-Î±) gene is not associated with obesity, insulin resistance and body fat distribution. BMC Medical Genetics, 2001, 2, 10. | 2.1 | 42 |
| 45 | HCC and liver disease risks in homozygous PNPLA3 p.I148M carriers approach monogenic inheritance. Journal of Hepatology, 2015, 62, 980-981. | 1.8 | 42 |
| 46 | Experimental characterization of active plasma lensing for electron beams. Applied Physics Letters, 2017, 110, . | 1.5 | 42 |
| 47 | PNPLA3 I148M (rs738409) genetic variant and age at onset of atâ€risk alcohol consumption are independent risk factors for alcoholic cirrhosis. Liver International, 2014, 34, 514-520. | 1.9 | 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. Journal of Translational Medicine, 2015, 13, 305. | 1.8 | 41 |
| 49 | Longitudinal Phase-Space Manipulation with Beam-Driven Plasma Wakefields. Physical Review Letters, 2019, 122, 114801. | 2.9 | 41 |
| 50 | Association ofFTOPolymorphisms with Early Age of Obesity in Obese Italian Subjects. Experimental Diabetes Research, 2012, 2012, 1-7. | 3.8 | 36 |
| 51 | Free-electron lasing with compact beam-driven plasma wakefield accelerator. Nature, 2022, 605, 659-662. | 13.7 | 36 |
| 52 | Lack of effect of apolipoprotein C3 polymorphisms on indices of liver steatosis, lipid profile and insulin resistance in obese Southern Europeans. Lipids in Health and Disease, 2011, 10, 93. | 1.2 | 35 |
| 53 | Beam manipulation with velocity bunching for PWFA applications. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 829, 17-23. | 0.7 | 35 |
| 54 | MAFLD vs NAFLD: Let the contest begin!. Liver International, 2020, 40, 2079-2081. | 1.9 | 34 |

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|---|---|---|---|
| 55 | Monitoring of Lipids, Enzymes, and Creatine Kinase in Patients on Lipid-Lowering Drug Therapy. Current Cardiology Reports, 2013, 15, 397. | 1.3 | 31 |
| 56 | The PNPLA3 Ile148Met interacts with overweight and dietary intakes on fasting triglyceride levels. Genes and Nutrition, 2014, 9, 388. | 1.2 | 31 |
| 57 | Energy spread minimization in a beam-driven plasma wakefield accelerator. Nature Physics, 2021, 17, 499-503. | 6.5 | 30 |
| 58 | Experimental characterization of the effects induced by passive plasma lens on high brightness electron bunches. Applied Physics Letters, 2017, 111, . | 1.5 | 29 |
| 59 | The 3â€²-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. Nutrition, Metabolism and Cardiovascular Diseases, 2006, 16, 345-352. | 1.1 | 28 |
| 60 | Genetic Variation in SULF2 Is Associated with Postprandial Clearance of Triglyceride-Rich Remnant Particles and Triglyceride Levels in Healthy Subjects. PLoS ONE, 2013, 8, e79473. | 1.1 | 28 |
| 61 | Search for genetic variants of the SYNTAXIN 1A (STX1A) gene: the â^'352 A>T variant in the STX1A promoter associates with impaired glucose metabolism in an Italian obese population. International Journal of Obesity, 2008, 32, 413-420. | 1.6 | 27 |
| 62 | Congenital Analbuminemia attributable to Compound Heterozygosity for Novel Mutations in the Albumin Gene. Clinical Chemistry, 2005, 51, 1256-1258. | 1.5 | 26 |
| 63 | High Vegetable Fats Intake Is Associated with High Resting Energy Expenditure in Vegetarians. Nutrients, 2015, 7, 5933-5947. | 1.7 | 26 |
| 64 | Indole-3-Propionic Acid, a Gut-Derived Tryptophan Metabolite, Associates with Hepatic Fibrosis. Nutrients, 2021, 13, 3509. | 1.7 | 25 |
| 65 | Association between low C-peptide and low lumbar bone mineral density in postmenopausal women without diabetes. Osteoporosis International, 2015, 26, 1639-1646. | 1.3 | 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. Hormone Research in Paediatrics, 2006, 65, 120-125. | 0.8 | 21 |
| 67 | PNPLA 3I148M genetic variant associates with insulin resistance and baseline viral load in HCV genotype 2 but not in genotype 3 infection. BMC Medical Genetics, 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 PPARÎ³ agonist restores normal cell signaling and differentiation. Journal of Endocrinology, 2006, 188, 271-285. | 1.2 | 19 |
| 69 | The COBLL1 C allele is associated with lower serum insulin levels and lower insulin resistance in overweight and obese children. Diabetes/Metabolism Research and Reviews, 2013, 29, 413-416. | 1.7 | 19 |
| 70 | No association between polymorphism in PEMT (V175M) and hepatic triglyceride content in the Dallas Heart Study. FASEB Journal, 2006, 20, 2180-2180. | 0.2 | 18 |
| 71 | Accuracy of controlled attenuation parameter for assessing liver steatosis in individuals with morbid obesity before bariatric surgery. Liver International, 2022, 42, 374-383. | 1.9 | 14 |
| 72 | Genetic risk scores and personalization of care in fatty liver disease. Current Opinion in Pharmacology, 2021, 61, 6-11. | 1.7 | 13 |

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|---|---|---|---|
| 73 | Analysis of TBC1D4 in patients with severe insulin resistance. Diabetologia, 2010, 53, 1239-1242. | 2.9 | 12 |
| 74 | Carotid and brachial arterial enlargement in postmenopausal women with hypertension. Menopause, 2012, 19, 145-149. | 0.8 | 12 |
| 75 | Type 1 hyperlipoproteinemia due to a novel deletion of exons 3 and 4 in the GPIHBP1 gene. Atherosclerosis, 2014, 234, 30-33. | 0.4 | 12 |
| 76 | Metabolic and genetic determinants for progression to severe liver disease in subjects with obesity from the UK Biobank. International Journal of Obesity, 2022, 46, 486-493. | 1.6 | 12 |
| 77 | Postmenopausal women with carotid atherosclerosis: Potential role of the serum calcium levels. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 1141-1146. | 1.1 | 10 |
| 78 | Search for Genetic Variants in the Retinoid X Receptor-Î³-Gene by Polymerase Chain Reaction-Single-Strand Conformation Polymorphism in Patients with Resistance to Thyroid Hormone without Mutations in Thyroid Hormone Receptor Î² Gene. Thyroid, 2004, 14, 355-358. | 2.4 | 9 |
| 79 | MODY-like diabetes associated with an apparently balanced translocation: possible involvement of MPP7 gene and cell polarity in the pathogenesis of diabetes. Molecular Cytogenetics, 2009, 2, 5. | 0.4 | 9 |
| 80 | The link between nutritional parameters and bone mineral density in women: results of a screening programme for osteoporosis. Journal of Translational Medicine, 2014, 12, 46. | 1.8 | 9 |
| 81 | Reply. Hepatology, 2015, 62, 660-660. | 3.6 | 9 |
| 82 | HSD17B13 as a promising therapeutic target against chronic liver disease. Liver International, 2020, 40, 756-757. | 1.9 | 9 |
| 83 | Serum adiponectin is decreased in patients with familial combined hyperlipidemia and normolipaemic relatives and is influenced by lipid-lowering treatment. Nutrition, Metabolism and Cardiovascular Diseases, 2009, 19, 660-666. | 1.1 | 8 |
| 84 | Fat utilization and arterial hypertension in overweight/obese subjects. Journal of Translational Medicine, 2013, 11, 159. | 1.8 | 8 |
| 85 | A genetic hypothesis for burntâ€out steatohepatitis. Liver International, 2021, 41, 2816-2818. | 1.9 | 8 |
| 86 | Search for genetic variants in the p66Shc longevity gene by PCR-single strand conformational polymorphism in patients with early-onset cardiovascular disease. BMC Genetics, 2006, 7, 14. | 2.7 | 7 |
| 87 | TheIRS1rs2943641 Variant and Risk of Future Cancer Among Morbidly Obese Individuals. Journal of Clinical Endocrinology and Metabolism, 2013, 98, E785-E789. | 1.8 | 7 |
| 88 | Nutrients Utilization in Obese Individuals with and without Hypertriglyceridemia. Nutrients, 2014, 6, 790-798. | 1.7 | 7 |
| 89 | EuPRAXIA â€“ a compact, cost-efficient particle and radiation source. AIP Conference Proceedings, 2019, , . | 0.3 | 7 |
| 90 | Single-strand conformation polymorphism analysis of the glucose transporter gene GLUT1 in maturity-onset diabetes of the young. Journal of Molecular Medicine, 2001, 79, 270-274. | 1.7 | 6 |

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|---|---|---|---|
| 91 | Clinical application of best practice guidelines for the genetic diagnosis of MODY2 and MODY3. Diabetic Medicine, 2010, 27, 1331-1333. | 1.2 | 6 |
| 92 | Brachial artery diameter measurement: A tool to simplify non-invasive vascular assessment. Nutrition, Metabolism and Cardiovascular Diseases, 2012, 22, 8-13. | 1.1 | 6 |
| 93 | The PNPLA3 I148M variant and chronic liver disease: When a genetic mutation meets nutrients. Food Research International, 2014, 63, 239-243. | 2.9 | 6 |
| 94 | Editorial: new insights into the relationship between the intestine and nonâ€alcoholic fatty liverâ€"is â€œfatty gutâ€•involved in disease progression?. Alimentary Pharmacology and Therapeutics, 2017, 46, 377-378. | 1.9 | 6 |
| 95 | Beam loading assisted matching scheme for high quality plasma acceleration in linear regime. Physical Review Accelerators and Beams, 2020, 23, . | 0.6 | 6 |
| 96 | First on-line survey of an international multidisciplinary working group (MightyMedic) on current practice in diagnosis, therapy and follow-up of dyslipidemias. Atherosclerosis Supplements, 2015, 18, 241-250. | 1.2 | 5 |
| 97 | Simulation design for forthcoming high quality plasma wakefield acceleration experiment in linear regime at SPARC_LAB. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2018, 909, 71-75. | 0.7 | 5 |
| 98 | Genetic variants in the MTHFR are not associated with fatty liver disease. Liver International, 2020, 40, 1934-1940. | 1.9 | 5 |
| 99 | Subclinical Cardiovascular Damage and Fat Utilization in Overweight/Obese Individuals Receiving the Same Dietary and Pharmacological Interventions. Nutrients, 2014, 6, 5560-5571. | 1.7 | 4 |
| 100 | Protein Phosphatase 1 Regulatory Subunit 3B Genotype at rs4240624 Has a Major Effect on Gallbladder Bile Composition. Hepatology Communications, 2021, 5, 244-257. | 2.0 | 4 |
| 101 | ACAT2 as a novel therapeutic target to treat fatty liver disease. Journal of Internal Medicine, 2022, 292, 175-176. | 2.7 | 3 |
| 102 | Carotid Intima-media Thickness. American Journal of Therapeutics, 2014, 21, 535-539. | 0.5 | 2 |
| 103 | Pharmacological lipid lowering for prevention of cardiovascular disease in older adults. Clinical Practice (London, England), 2014, 11, 49-58. | 0.1 | 2 |
| 104 | Reply to Novelli. Nutrition, Metabolism and Cardiovascular Diseases, 2007, 17, e9-e10. | 1.1 | 1 |
| 105 | Beam dynamics in resonant plasma wakefield acceleration at SPARC_LAB. Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment, 2016, 829, 109-112. | 0.7 | 1 |
| 106 | Beam-based characterization of plasma density in a capillary-discharge waveguide. AIP Advances, 2021, 11, 065217. | 0.6 | 1 |
| 107 | Reply. Hepatology, 2014, 60, 1111-1112. | 3.6 | 0 |
| 108 | Reply. Hepatology, 2016, 63, 1052-1053. | 3.6 | 0 |

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|---|---|---|---|
| 109 | Donâ€™t forget to ask how mum and dad are doing. Liver International, 2019, 39, 623-624. | 1.9 | 0 |