Luca A Lotta

List of Publications by Year in descending order

59 papers	4,846 citations	126858 33 h-index	133188 59 g-index
64 all docs	64 docs citations	64 times ranked	9991 citing authors

#	Article	IF	Citations
1	Genome-wide association and Mendelian randomisation analysis provide insights into the pathogenesis of heart failure. Nature Communications, 2020, 11, 163.	5.8	466
2	Integrative genomic analysis implicates limited peripheral adipose storage capacity in the pathogenesis of human insulin resistance. Nature Genetics, 2017, 49, 17-26.	9.4	452
3	Genetic Predisposition to an Impaired Metabolism of the Branched-Chain Amino Acids and Risk of Type 2 Diabetes: A Mendelian Randomisation Analysis. PLoS Medicine, 2016, 13, e1002179.	3.9	324
4	Association Between Low-Density Lipoprotein Cholesterolâ€“Lowering Genetic Variants and Risk of Type 2 Diabetes. JAMA - Journal of the American Medical Association, 2016, 316, 1383.	3.8	310
5	Human Gain-of-Function MC4R Variants Show Signaling Bias and Protect against Obesity. Cell, 2019, 177, 597-607.e9.	13.5	192
6	ADAMTS13mutations and polymorphisms in congenital thrombotic thrombocytopenic purpura. Human Mutation, 2010, 31, 11-19.	1.1	165
7	Common Genetic Variants Highlight the Role of Insulin Resistance and Body Fat Distribution in Type 2 Diabetes, Independent of Obesity. Diabetes, 2014, 63, 4378-4387.	0.3	153
8	Associations between Potentially Modifiable Risk Factors and Alzheimer Disease: A Mendelian Randomization Study. PLoS Medicine, 2015, 12, e1001841.	3.9	153
9	Association of Genetic Variants Related to Gluteofemoral vs Abdominal Fat Distribution With Type 2 Diabetes, Coronary Disease, and Cardiovascular Risk Factors. JAMA - Journal of the American Medical Association, 2018, 320, 2553.	3.8	152
10	Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. Nature Communications, 2017, 8, 16015.	5.8	149
11	Smoking and the Risk of Mortality and Vascular and Respiratory Events in Patients Undergoing Major Surgery. JAMA Surgery, 2013, 148, 755.	2.2	140
12	Sequencing of 640,000 exomes identifies GPR75 variants associated with protection from obesity. Science, 2021, 373, .	6.0	130
13	Evidence of a Causal Association Between Insulinemia and Endometrial Cancer: A Mendelian Randomization Analysis. Journal of the National Cancer Institute, 2015, 107, .	3.0	129
14	Genetic Evidence for a Link Between Favorable Adiposity and Lower Risk of Type 2 Diabetes, Hypertension, and Heart Disease. Diabetes, 2016, 65, 2448-2460.	0.3	122
15	Genome-wide Association Analysis in Humans Links Nucleotide Metabolism to Leukocyte Telomere Length. American Journal of Human Genetics, 2020, 106, 389-404.	2.6	118
16	A cross-platform approach identifies genetic regulators of human metabolism and health. Nature Genetics, 2021, 53, 54-64.	9.4	117
17	Genomic insights into the causes of type 2 diabetes. Lancet, The, 2018, 391, 2463-2474.	6.3	110
18	Residual plasmatic activity of ADAMTS13 is correlated with phenotype severity in congenital thrombotic thrombocytopenic purpura. Blood, 2012, 120, 440-448.	0.6	107

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19	Genetic inactivation of ANGPTL4 improves glucose homeostasis and is associated with reduced risk of diabetes. Nature Communications, 2018, 9, 2252.	5.8	99
20	Plasma Mannose Levels Are Associated with Incident Type 2 Diabetes and Cardiovascular Disease. Cell Metabolism, 2017, 26, 281-283.	7.2	85
21	Assessing the causal association of glycine with risk of cardio-metabolic diseases. Nature Communications, 2019, 10, 1060.	5.8	85
22	Circulating Selenium and Prostate Cancer Risk: A Mendelian Randomization Analysis. Journal of the National Cancer Institute, 2018, 110, 1035-1038.	3.0	84
23	The Consortium of Metabolomics Studies (COMETS): Metabolomics in 47 Prospective Cohort Studies. American Journal of Epidemiology, 2019, 188, 991-1012.	1.6	81
24	Epigenome-Wide Association Study of Incident Type 2 Diabetes in a British Population: EPIC-Norfolk Study. Diabetes, 2019, 68, 2315-2326.	0.3	77
25	Plasma Vitamin C and Type 2 Diabetes: Genome-Wide Association Study and Mendelian Randomization Analysis in European Populations. Diabetes Care, 2021, 44, 98-106.	4.3	68
26	Definitions of Metabolic Health and Risk of Future Type 2 Diabetes in BMI Categories: A Systematic Review and Network Meta-analysis. Diabetes Care, 2015, 38, 2177-2187.	4.3	61
27	Association of Genetically Enhanced Lipoprotein Lipaseâ€“Mediated Lipolysis and Low-Density Lipoprotein Cholesterolâ€“Lowering Alleles With Risk of Coronary Disease and Type 2 Diabetes. JAMA Cardiology, 2018, 3, 957.	3.0	55
28	Genomeâ€“wide association study for risk taking propensity indicates shared pathways with body mass index. Communications Biology, 2018, 1, 36.	2.0	54
29	Elevated Plasma Levels of 3-Hydroxyisobutyric Acid Are Associated With Incident Type 2 Diabetes. EBioMedicine, 2018, 27, 151-155.	2.7	53
30	Different clinical severity of first episodes and recurrences of thrombotic thrombocytopenic purpura. British Journal of Haematology, 2010, 151, 488-494.	1.2	46
31	Meta-analysis investigating the role of interleukin-6 mediated inflammation in type 2 diabetes. EBioMedicine, 2020, 61, 103062.	2.7	46
32	The association between circulating 25-hydroxyvitamin D metabolites and type 2 diabetes in European populations: AÂmeta-analysis and Mendelian randomisation analysis. PLoS Medicine, 2020, 17, e1003394.	3.9	45
33	Early-onset ischaemic stroke: Analysis of 58 polymorphisms in 17 genes involved in methionine metabolism. Thrombosis and Haemostasis, 2010, 104, 231-242.	1.8	35
34	Identification of genetic risk variants for deep vein thrombosis by multiplexed next-generation sequencing of 186 hemostatic/pro-inflammatory genes. BMC Medical Genomics, 2012, 5, 7.	0.7	32
35	Whole-exome sequencing to identify genetic risk variants underlying inhibitor development in severe hemophilia A patients. Blood, 2016, 127, 2924-2933.	0.6	29
36	Genome-wide association studies in atherothrombosis. European Journal of Internal Medicine, 2010, 21, 74-78.	1.0	28

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37	Gene-level analysis of rare variants in 379,066 whole exome sequences identifies an association of GIGYF1 loss of function with type 2 diabetes. Scientific Reports, 2021, 11, 21565.	1.6	25
38	MicroRNA-196a links human body fat distribution to adipose tissue extracellular matrix composition. EBioMedicine, 2019, 44, 467-475.	2.7	22
39	Pathogenesis and treatment of acquired idiopathic thrombotic thrombocytopenic purpura. Haematologica, 2010, 95, 1444-1447.	1.7	19
40	FRETS-VWF73 rather than CBA assay reflects ADAMTS13 proteolytic activity in acquired thrombotic thrombocytopenic purpura patients. Thrombosis and Haemostasis, 2014, 112, 297-303.	1.8	19
41	Pregnancy complications in acquired thrombotic thrombocytopenic purpura: a caseâ€“control study. Orphanet Journal of Rare Diseases, 2014, 9, 193.	1.2	18
42	The emerging concept of residual ADAMTS13 activity in ADAMTS13-deficient thrombotic thrombocytopenic purpura. Blood Reviews, 2013, 27, 71-76.	2.8	17
43	Prevalence of Disease and Relationships between Laboratory Phenotype and Bleeding Severity in Platelet Primary Secretion Defects. PLoS ONE, 2013, 8, e60396.	1.1	17
44	Genetic and functional evidence links a missense variant in B4GALT1 to lower LDL and fibrinogen. Science, 2021, 374, 1221-1227.	6.0	14
45	Association of a single nucleotide polymorphism of the NPR3 gene promoter with early onset ischemic stroke in an Italian cohort. European Journal of Internal Medicine, 2013, 24, 80-82.	1.0	13
46	Identification of Rare Loss-of-Function Genetic Variation Regulating Body Fat Distribution. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 1065-1077.	1.8	12
47	Addressing the complexity of cardiovascular disease by design. Lancet, The, 2011, 377, 356-358.	6.3	11
48	Genome-wide association study of adipocyte lipolysis in the GENetics of adipocyte lipolysis (GENiAL) cohort. Molecular Metabolism, 2020, 34, 85-96.	3.0	11
49	The genomics of heart failure: design and rationale of the HERMES consortium. ESC Heart Failure, 2021, 8, 5531-5541.	1.4	11
50	Genomeâ€wide association analysis of serum alanine and aspartate aminotransferase, and the modifying effects of BMI in 388kÂEuropean individuals. Genetic Epidemiology, 2021, 45, 664-681.	0.6	9
51	Single Nucleotide Variant rs2232710 in the Protein Z-Dependent Protease Inhibitor (ZPI, SERPINA10) Gene Is Not Associated with Deep Vein Thrombosis. PLoS ONE, 2016, 11, e0151347.	1.1	9
52	Preoperative Hematocrit Concentration and the Risk of Stroke in Patients Undergoing Isolated Coronary-Artery Bypass Grafting. Anemia, 2013, 2013, 1-7.	0.5	7
53	Next-Generation Sequencing and In Vitro Expression Study of ADAMTS13 Single Nucleotide Variants in Deep Vein Thrombosis. PLoS ONE, 2016, 11, e0165665.	1.1	7
54	Prothrombin Mutation Conveying Antithrombin Resistance. New England Journal of Medicine, 2012, 367, 1069-1070.	13.9	6

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55	B and T lymphocytes in acquired Thrombotic Thrombocytopenic Purpura during disease remission. Thrombosis Research, 2011, 128, 590-592.	0.8	5
56	Drop of residual plasmatic activity of ADAMTS13 to undetectable levels during acute disease in a patient with adult-onset congenital thrombotic thrombocytopenic purpura. Blood Cells, Molecules, and Diseases, 2013, 50, 59-60.	0.6	4
57	Prioritising Risk Factors for Type 2 Diabetes: Causal Inference through Genetic Approaches. Current Diabetes Reports, 2018, 18, 40.	1.7	4
58	Case report: use of thienopyridines in a patient with acquired idiopathic thrombotic thrombocytopenic purpura. Journal of Thrombosis and Thrombolysis, 2012, 34, 416-418.	1.0	2
59	PCSK9 inhibition and type 2 diabetes. Lancet Diabetes and Endocrinology,the, 2017, 5, 926-927.	5.5	1