Giovanni Malerba

List of Publications by Citations

92 papers	5,030 citations	35 h-index	70 g-index
97 ext. papers	5,943 ext. citations	7.9 avg, IF	4.25 L-index

#	Paper	IF	Citations
92	Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. *Nature Genetics*, **2009**, 41, 342-7	36.3	627
91	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. *Nature Genetics*, **2013**, 45, 145-54	36.3	505
90	Characterization of transcriptional complexity during berry development in Vitis vinifera using RNA-Seq. *Plant Physiology*, **2010**, 152, 1787-95	6.6	294
89	FADS genotypes and desaturase activity estimated by the ratio of arachidonic acid to linoleic acid are associated with inflammation and coronary artery disease. *American Journal of Clinical Nutrition* , **2008**, 88, 941-9	7	241
88	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. *Nature Genetics*, **2018**, 50, 559-571	36.3	221
87	SNPs of the FADS gene cluster are associated with polyunsaturated fatty acids in a cohort of patients with cardiovascular disease. *Lipids*, **2008**, 43, 289-99	1.6	192
86	Improved imputation of low-frequency and rare variants using the UK10K haplotype reference panel. *Nature Communications*, **2015**, 6, 8111	17.4	186
85	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. *Nature Genetics*, **2016**, 48, 1151-1161	36.3	181
84	Genome-wide association study identifies a sequence variant within the DAB2IP gene conferring susceptibility to abdominal aortic aneurysm. *Nature Genetics*, **2010**, 42, 692-7	36.3	155
83	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. *Nature Communications*, **2015**, 6, 5897	17.4	147
82	Genome sequencing elucidates Sardinian genetic architecture and augments association analyses for lipid and blood inflammatory markers. *Nature Genetics*, **2015**, 47, 1272-1281	36.3	129
81	IRAK-M is involved in the pathogenesis of early-onset persistent asthma. *American Journal of Human Genetics*, **2007**, 80, 1103-14	11	125
80	Directional dominance on stature and cognition in diverse human populations. *Nature*, **2015**, 523, 459-462	30.4	119
79	Charcot-Marie-Tooth disease type 2E, a disorder of the cytoskeleton. *Brain*, **2007**, 130, 394-403	11.2	116
78	IL28B polymorphisms, IP-10 and viral load predict virological response to therapy in chronic hepatitis C. *Alimentary Pharmacology and Therapeutics*, **2011**, 33, 1162-72	6.1	77
77	Lack of association between the Trp719Arg polymorphism in kinesin-like protein-6 and coronary artery disease in 19 case-control studies. *Journal of the American College of Cardiology*, **2010**, 56, 1552-63	15.1	75
76	Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. *American Journal of Human Genetics*, **2017**, 100, 865-884	11	74

75	Polymorphisms at LDLR locus may be associated with coronary artery disease through modulation of coagulation factor VIII activity and independently from lipid profile. *Blood*, **2010**, 116, 5688-97	2.2	64
74	A review of asthma genetics: gene expression studies and recent candidates. *Journal of Applied Genetics*, **2005**, 46, 93-104	2.5	61
73	The -1131 T>C and S19W APOA5 gene polymorphisms are associated with high levels of triglycerides and apolipoprotein C-III, but not with coronary artery disease: an angiographic study. *Atherosclerosis*, **2007**, 191, 409-17	3.1	58
72	Genome-wide association study identifies inversion in the locus to modify risk for alcoholic and non-alcoholic chronic pancreatitis. *Gut*, **2018**, 67, 1855-1863	19.2	54
71	Identification of granulocytic myeloid-derived suppressor cells (G-MDSCs) in the peripheral blood of Hodgkin and non-Hodgkin lymphoma patients. *Oncotarget*, **2016**, 7, 27676-88	3.3	51
70	Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. *Nature Genetics*, **2016**, 48, 1303-1312	36.3	51
69	PTPN22 R620W polymorphism in the ANCA-associated vasculitides. *Rheumatology*, **2012**, 51, 805-12	3.9	50
68	Association of CTR and COLIA1 alleles with BMD values in peri- and postmenopausal women. *Calcified Tissue International*, **2000**, 67, 361-366	3.9	49
67	A rare variant in APOC3 is associated with plasma triglyceride and VLDL levels in Europeans. *Nature Communications*, **2014**, 5, 4871	17.4	46
66	Gene sequence variations of the platelet P2Y12 receptor are associated with coronary artery disease. *BMC Medical Genetics*, **2007**, 8, 59	2.1	46
65	Association of the interleukin-1 receptor antagonist gene with asthma. *American Journal of Respiratory and Critical Care Medicine*, **2004**, 169, 1217-23	10.2	46
64	GATK hard filtering: tunable parameters to improve variant calling for next generation sequencing targeted gene panel data. *BMC Bioinformatics*, **2017**, 18, 119	3.6	45
63	Impact of insulin receptor substrate-1 genotypes on platelet reactivity and cardiovascular outcomes in patients with type 2 diabetes mellitus and coronary artery disease. *Journal of the American College of Cardiology*, **2011**, 58, 30-9	15.1	44
62	Meta-analysis of 20 genome-wide linkage studies evidenced new regions linked to asthma and atopy. *European Journal of Human Genetics*, **2010**, 18, 700-6	5.3	44
61	Chromosome 7p linkage and GPR154 gene association in Italian families with allergic asthma. *Clinical and Experimental Allergy*, **2007**, 37, 83-9	4.1	39
60	On the association of the oxidised LDL receptor 1 (OLR1) gene in patients with acute myocardial infarction or coronary artery disease. *European Journal of Human Genetics*, **2006**, 14, 127-30	5.3	38
59	Linkage analysis of chromosome 12 markers in Italian families with atopic asthmatic children. *American Journal of Respiratory and Critical Care Medicine*, **2000**, 162, 1587-90	10.2	37
58	ALOX5AP gene variants and risk of coronary artery disease: an angiography-based study. *European Journal of Human Genetics*, **2007**, 15, 959-66	5.3	35

57	Next generation sequencing: new tools in immunology and hematology. *Blood Research*, **2013**, 48, 242-9	1.4	33
56	Variants and haplotypes of TCF7L2 are associated with □cell function in patients with newly diagnosed type 2 diabetes: the Verona Newly Diagnosed Type 2 Diabetes Study (VNDS) 1. *Journal of Clinical Endocrinology and Metabolism*, **2011**, 96, E389-93	5.6	32
55	Association of functional gene variants in the regulatory regions of COX-2 gene (PTGS2) with nonmelanoma skin cancer after organ transplantation. *British Journal of Dermatology*, **2007**, 157, 49-57	4	31
54	Modulation of genetic associations with serum urate levels by body-mass-index in humans. *PLoS ONE*, **2015**, 10, e0119752	3.7	31
53	and Loci Identified through Large-Scale Exome Chip Analysis Regulate Kidney Development and Function. *Journal of the American Society of Nephrology: JASN*, **2017**, 28, 981-994	12.7	30
52	Genetic susceptibility to renal scar formation after urinary tract infection: a systematic review and meta-analysis of candidate gene polymorphisms. *Pediatric Nephrology*, **2011**, 26, 1017-29	3.2	28
51	Linkage to atopy on chromosome 19 in north-eastern Italian families with allergic asthma. *Clinical and Experimental Allergy*, **2001**, 31, 1220-4	4.1	28
50	Wheat IgE profiling and wheat IgE levels in bakers with allergic occupational phenotypes. *Occupational and Environmental Medicine*, **2013**, 70, 617-22	2.1	27
49	Variants of GCKR affect both □cell and kidney function in patients with newly diagnosed type 2 diabetes: the Verona newly diagnosed type 2 diabetes study 2. *Diabetes Care*, **2011**, 34, 1205-10	14.6	27
48	PPARG2 Pro12Ala and ADAMTS9 rs4607103 as "insulin resistance loci" and "insulin secretion loci" in Italian individuals. The GENFIEV study and the Verona Newly Diagnosed Type 2 Diabetes Study (VNDS) 4. *Acta Diabetologica*, **2013**, 50, 401-8	3.9	26
47	The association of rs4307059 and rs35678 markers with autism spectrum disorders is replicated in Italian families. *Psychiatric Genetics*, **2012**, 22, 177-81	2.9	26
46	Lack of replication of previous autism spectrum disorder GWAS hits in European populations. *Autism Research*, **2017**, 10, 202-211	5.1	24
45	Eotaxin/CCL11 in idiopathic retroperitoneal fibrosis. *Nephrology Dialysis Transplantation*, **2012**, 27, 3875-84	4.3	24
44	Glutathione S-transferase and CYP1A1 gene polymorphisms and non-melanoma skin cancer risk in Italian transplanted patients. *Experimental Dermatology*, **2006**, 15, 958-65	4	23
43	A Preliminary microRNA Analysis of Non Syndromic Thoracic Aortic Aneurysms. *Balkan Journal of Medical Genetics*, **2012**, 15, 51-5	0.9	22
42	Small effective population size and genetic homogeneity in the Val Borbera isolate. *European Journal of Human Genetics*, **2013**, 21, 89-94	5.3	20
41	CACNA1E variants affect beta cell function in patients with newly diagnosed type 2 diabetes. the Verona newly diagnosed type 2 diabetes study (VNDS) 3. *PLoS ONE*, **2012**, 7, e32755	3.7	20
40	Mutational and haplotype map of NOTCH3 in a cohort of Italian patients with cerebral autosomal dominant arteriopathy with subcortical infarcts and leukoencephalopathy (CADASIL). *Journal of the Neurological Sciences*, **2012**, 319, 37-41	3.2	19

39	Upregulated expression of Toll-like receptor 4 in peripheral blood of ischaemic stroke patients correlates with cyclooxygenase 2 expression. *European Journal of Vascular and Endovascular Surgery*, **2011**, 41, 358-63	2.3	18
38	Chromosome 14 linkage analysis and mutation study of 2 serpin genes in allergic asthmatic families. *Journal of Allergy and Clinical Immunology*, **2001**, 107, 654-8	11.5	18
37	DNA methylation within melatonin receptor 1A (MTNR1A) mediates paternally transmitted genetic variant effect on asthma plus rhinitis. *Journal of Allergy and Clinical Immunology*, **2016**, 138, 748-753	11.5	17
36	An Interleukin 13 Polymorphism Is Associated with Symptom Severity in Adult Subjects with Ever Asthma. *PLoS ONE*, **2016**, 11, e0151292	3.7	15
35	Association of childhood allergic asthma with markers flanking the IL33 gene in Italian families. *Journal of Allergy and Clinical Immunology*, **2011**, 128, 667-8	11.5	13
34	Enhanced Osteogenic Differentiation in Zoledronate-Treated Osteoporotic Patients. *International Journal of Molecular Sciences*, **2017**, 18,	6.3	11
33	Polymorphism -2604G>A variants in TLR4 promoter are associated with different gene expression level in peripheral blood of atherosclerotic patients. *Journal of Human Genetics*, **2013**, 58, 812-4	4.3	11
32	PTCH1 gene haplotype association with basal cell carcinoma after transplantation. *British Journal of Dermatology*, **2010**, 163, 364-70	4	10
31	Reply to Novelli. *European Journal of Human Genetics*, **2006**, 14, 895-895	5.3	9
30	Hypermutation as an Evolutionary Mechanism for in Cystic Fibrosis Lung Infection. *Pathogens*, **2020**, 9,	4.5	8
29	An integrated genomic-transcriptomic approach supports a role for the proto-oncogene BCL3 in atherosclerosis. *Thrombosis and Haemostasis*, **2015**, 113, 655-63	7	8
28	Mesenchymal stem cells: A new diagnostic tool?. *World Journal of Stem Cells*, **2015**, 7, 789-92	5.6	8
27	HDAC9, TWIST1 and FERD3L gene expression in asymptomatic stable and unstable carotid plaques. *Inflammation Research*, **2016**, 65, 261-3	7.2	7
26	Cyclooxygenase 2, toll-like receptor 4 and interleukin 1 mRNA expression in atherosclerotic plaques of type 2 diabetic patients. *Inflammation Research*, **2014**, 63, 851-8	7.2	7
25	Sex-specific effect of RNASEL rs486907 and miR-146a rs2910164 polymorphismsSinteraction as a susceptibility factor for melanoma skin cancer. *Melanoma Research*, **2017**, 27, 309-314	3.3	7
24	Application of the whole-transcriptome shotgun sequencing approach to the study of Philadelphia-positive acute lymphoblastic leukemia. *Blood Cancer Journal*, **2012**, 2, e61	7	7
23	The genetic background of osteoporosis in cystic fibrosis: association analysis with polymorphic markers in four candidate genes. *Journal of Cystic Fibrosis*, **2006**, 5, 229-35	4.1	7
22	Association of microRNA 146a polymorphism rs2910164 and the risk of melanoma in an Italian population. *Experimental Dermatology*, **2015**, 24, 794-5	4	6

21	Genetic and bioinformatics analysis of four novel GCK missense variants detected in Caucasian families with GCK-MODY phenotype. *Clinical Genetics*, **2015**, 87, 440-7	4	6
20	Biopsychosocial model of resilience in young adults with multiple sclerosis (BPS-ARMS): an observational study protocol exploring psychological reactions early after diagnosis. *BMJ Open*, **2019**, 9, e030469	3	6
19	No linkage or association of five polymorphisms in the interleukin-4 receptor alpha gene with atopic asthma in Italian families. *International Journal of Immunogenetics*, **2003**, 30, 349-53		5
18	An integrated approach identifies new oncotargets in melanoma. *Oncotarget*, **2018**, 9, 11489-11502	3.3	5
17	Analysis of RBFOX1 gene expression in lymphoblastoid cell lines of Italian discordant autism spectrum disorders sib-pairs. *Molecular and Cellular Probes*, **2014**, 28, 242-5	3.3	4
16	Gut microbiota modulates seizure susceptibility. *Epilepsia*, **2021**, 62, e153-e157	6.4	4
15	Comparative transcriptome analysis of peripheral blood mononuclear cells in renal transplant recipients in everolimus- and tacrolimus-based immunosuppressive therapy. *European Journal of Pharmacology*, **2019**, 859, 172494	5.3	3
14	Association of promoter polymorphism -765G>C in the PTGS2 gene with malignant melanoma in Italian patients and its correlation to gene expression in dermal fibroblasts. *Experimental Dermatology*, **2014**, 23, 766-8	4	3
13	Chronic graft versus host disease is associated with erectile dysfunction in allogeneic hematopoietic stem cell transplant patients: a single-center experience. *Leukemia and Lymphoma*, **2018**, 59, 2719-2722	1.9	2
12	Melanoma risk alleles are associated with downregulation of the MTAP gene and hypermethylation of a CpG island upstream of the gene in dermal fibroblasts. *Experimental Dermatology*, **2017**, 26, 733-736	4	2
11	Lack of expression of TUBB3 characterizes both BCL2-positive and BCL2-negative follicular lymphoma. *Modern Pathology*, **2014**, 27, 808-13	9.8	2
10	Imputation reliability on DNA biallelic markers for drug metabolism studies. *BMC Bioinformatics*, **2012**, 13 Suppl 14, S7	3.6	2
9	Analysis of the 3'UTR of the prostaglandin synthetase-2 (PTGS-2/COX-2) gene in non-melanoma skin cancer after organ transplantation. *Experimental Dermatology*, **2011**, 20, 1025-7	4	2
8	Correlations between gene expression highlight a different activation of ACE/TLR4/PTGS2 signaling in symptomatic and asymptomatic plaques in atherosclerotic patients. *Molecular Biology Reports*, **2018**, 45, 657-662	2.8	1
7	Enhancer of zeste 2 polycomb repressive complex 2 subunit polymorphisms in melanoma skin cancer risk. *Experimental Dermatology*, **2020**, 29, 980-986	4	1
6	Mobilome Analysis of spp. Isolates from Chronic and Occasional Lung Infection in Cystic Fibrosis Patients. *Microorganisms*, **2021**, 9,	4.9	1
5	Fully non-homogeneous hidden Markov model double net: a generative model for haplotype reconstruction and block discovery. *Artificial Intelligence in Medicine*, **2009**, 45, 135-50	7.4	0
4	Sphingomyelin and Medullary Sponge Kidney Disease: A Biological Link Identified by Omics Approach. *Frontiers in Medicine*, **2021**, 8, 671798	4.9	0

3	A renal genetic risk score (GRS) is associated with kidney dysfunction in people with type 2 diabetes. *Diabetes Research and Clinical Practice*, **2018**, 144, 137-143	7.4
2	ALOX5AP Gene Variants and Risk of Coronary Artery Disease in Italy. An Angiography-Based Study.. *Blood*, **2006**, 108, 1459-1459	2.2
1	FP057SERUM METABOLOMIC PROFILE DISCRIMINATES MEDULLARY SPONGE KIDNEY DISEASE FROM IDIOPATHIC CALCIUM NEPHROLITHIASIS PATIENTS. *Nephrology Dialysis Transplantation*, **2018**, 33, i66-i67	4.3