Giovanni Malerba

List of Publications by Year
in descending order

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95	6,519	94433	69250
papers	citations	37 h-index	77 g-index

97	97	97	15070
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sequence variants affecting eosinophil numbers associate with asthma and myocardial infarction. Nature Genetics, 2009, 41, 342-347.	21.4	709
2	Genome-wide association analyses identify 18 new loci associated with serum urate concentrations. Nature Genetics, 2013, 45, 145-154.	21.4	675
3	Refining the accuracy of validated target identification through coding variant fine-mapping in type 2 diabetes. Nature Genetics, 2018, 50, 559-571.	21.4	356
4	Characterization of Transcriptional Complexity during Berry Development in Vitis vinifera Using RNA-Seq. Plant Physiology, 2010, 152, 1787-1795.	4.8	330
5	Improved imputation of low-frequency and rare variants using the UK10K haplotype reference panel. Nature Communications, 2015, 6, 8111.	12.8	300
6	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, 941-949.	4.7	286
7	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. Nature Genetics, 2016, 48, 1151-1161.	21.4	261
8	SNPs of the FADS Gene Cluster are Associated with Polyunsaturated Fatty Acids in a Cohort of Patients with Cardiovascular Disease. Lipids, 2008, 43, 289-299.	1.7	218
9	Genome sequencing elucidates Sardinian genetic architecture and augments association analyses for lipid and blood inflammatory markers. Nature Genetics, 2015, 47, 1272-1281.	21.4	193
10	Genome-wide association study identifies a sequence variant within the DAB2IP gene conferring susceptibility to abdominal aortic aneurysm. Nature Genetics, 2010, 42, 692-697.	21.4	181
11	Low-frequency and rare exome chip variants associate with fasting glucose and type 2 diabetes susceptibility. Nature Communications, 2015, 6, 5897.	12.8	173
12	Directional dominance on stature and cognition inÂdiverse human populations. Nature, 2015, 523, 459-462.	27.8	173
13	IRAK-M Is Involved in the Pathogenesis of Early-Onset Persistent Asthma. American Journal of Human Genetics, 2007, 80, 1103-1114.	6.2	144
14	Charcot-Marie-Tooth disease type 2E, a disorder of the cytoskeleton. Brain, 2007, 130, 394-403.	7.6	133
15	Whole-Genome Sequencing Coupled to Imputation Discovers Genetic Signals for Anthropometric Traits. American Journal of Human Genetics, 2017, 100, 865-884.	6.2	131
16	Genome-wide association study identifies inversion in the CTRB1-CTRB2 locus to modify risk for alcoholic and non-alcoholic chronic pancreatitis. Gut, 2018, 67, 1855-1863.	12.1	97
17	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, 5688-5697.	1.4	86
18	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, 1552-1563.	2.8	84

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19	IL28B polymorphisms, IP-10 and viral load predict virological response to therapy in chronic hepatitis C. Alimentary Pharmacology and Therapeutics, 2011, 33, 1162-1172.	3.7	83
20	GATK hard filtering: tunable parameters to improve variant calling for next generation sequencing targeted gene panel data. BMC Bioinformatics, 2017, 18, 119.	2.6	79
21	Identification of granulocytic myeloid-derived suppressor cells (G-MDSCs) in the peripheral blood of Hodgkin and non-Hodgkin lymphoma patients. Oncotarget, 2016, 7, 27676-27688.	1.8	78
22	A review of asthma genetics: gene expression studies and recent candidates. Journal of Applied Genetics, 2005, 46, 93-104.	1.9	72
23	The â^'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, 409-417.	0.8	67
24	Discovery and refinement of genetic loci associated with cardiometabolic risk using dense imputation maps. Nature Genetics, 2016, 48, 1303-1312.	21.4	66
25	Modulation of Genetic Associations with Serum Urate Levels by Body-Mass-Index in Humans. PLoS ONE, 2015, 10, e0119752.	2.5	64
26	A rare variant in APOC3 is associated with plasma triglyceride and VLDL levels in Europeans. Nature Communications, 2014, 5, 4871.	12.8	62
27	PTPN22 R620W polymorphism in the ANCA-associated vasculitides. Rheumatology, 2012, 51, 805-812.	1.9	60
28	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, 30-39.	2.8	58
29	Meta-analysis of 20 genome-wide linkage studies evidenced new regions linked to asthma and atopy. European Journal of Human Genetics, 2010, 18, 700-706.	2.8	54
30	Gene sequence variations of the platelet P2Y12 receptor are associated with coronary artery disease. BMC Medical Genetics, 2007, 8, 59.	2.1	53
31	Association of the Interleukin-1 Receptor Antagonist Gene with Asthma. American Journal of Respiratory and Critical Care Medicine, 2004, 169, 1217-1223.	5.6	52
32	Association of CTR and COLIA1 Alleles with BMD Values in Peri- and Postmenopausal Women. Calcified Tissue International, 2000, 67, 361-366.	3.1	51
33	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, 127-130.	2.8	45
34	Chromosome 7p linkage and GPR154 gene association in Italian families with allergic asthma. Clinical and Experimental Allergy, 2007, 37, 83-89.	2.9	43
35	Next generation sequencing: new tools in immunology and hematology. Blood Research, 2013, 48, 242.	1.3	43
36	Linkage Analysis of Chromosome 12 Markers in Italian Families with Atopic Asthmatic Children. American Journal of Respiratory and Critical Care Medicine, 2000, 162, 1587-1590.	5.6	42

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37	The association of rs4307059 and rs35678 markers with autism spectrum disorders is replicated in Italian families. Psychiatric Genetics, 2012, 22, 177-181.	1.1	39
38	SOS2 and ACP1 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.	6.1	39
39	ALOX5AP gene variants and risk of coronary artery disease: an angiography-based study. European Journal of Human Genetics, 2007, 15, 959-966.	2.8	37
40	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.	1.5	35
41	Genetic susceptibility to renal scar formation after urinary tract infection: a systematic review and meta-analysis of candidate gene polymorphisms. Pediatric Nephrology, 2011, 26, 1017-1029.	1.7	35
42	Lack of replication of previous autism spectrum disorder GWAS hits in European populations. Autism Research, 2017, 10, 202-211.	3.8	34
43	Variants and Haplotypes ofTCF7L2Are Associated with Î²-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-E393.	3.6	33
44	PPARG2 Pro12Ala and ADAMTS9 rs4607103 as â€œinsulin resistance lociâ€•and â€œinsulin secretion lociâ€•in Italian individuals. The GENFIEV study and the Verona Newly Diagnosed Type 2 Diabetes Study (VNDS) 4. Acta Diabetologica, 2013, 50, 401-408.	2.5	33
45	Small effective population size and genetic homogeneity in the Val Borbera isolate. European Journal of Human Genetics, 2013, 21, 89-94.	2.8	32
46	Linkage to atopy on chromosome 19 in north-eastern Italian families with allergic asthma. Clinical and Experimental Allergy, 2001, 31, 1220-1224.	2.9	31
47	Variants of GCKR Affect Both Â-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, 1205-1210.	8.6	30
48	Glutathione S-transferase and CYP1A1 gene polymorphisms and non-melanoma skin cancer risk in Italian transplanted patients. Experimental Dermatology, 2006, 15, 958-965.	2.9	29
49	Eotaxin/CCL11 in idiopathic retroperitoneal fibrosis. Nephrology Dialysis Transplantation, 2012, 27, 3875-3884.	0.7	29
50	Wheat IgE profiling and wheat IgE levels in bakers with allergic occupational phenotypes. Occupational and Environmental Medicine, 2013, 70, 617-622.	2.8	29
51	Hypermutation as an Evolutionary Mechanism for Achromobacter xylosoxidans in Cystic Fibrosis Lung Infection. Pathogens, 2020, 9, 72.	2.8	28
52	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.	2.9	25
53	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.	2.5	24
54	A Preliminary microRNA Analysis of non Syndromic Thoracic Aortic Aneurysms. Balkan Journal of Medical Genetics, 2012, 15, 51-55.	0.5	23

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55	An Interleukin 13 Polymorphism Is Associated with Symptom Severity in Adult Subjects with Ever Asthma. PLoS ONE, 2016, 11, e0151292.	2.5	23
56	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.	0.6	22
57	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, 358-363.	1.5	21
58	Enhanced Osteogenic Differentiation in Zoledronate-Treated Osteoporotic Patients. International Journal of Molecular Sciences, 2017, 18, 1261.	4.1	19
59	Chromosome 14 linkage analysis and mutation study of 2 serpin genes in allergic asthmatic families. Journal of Allergy and Clinical Immunology, 2001, 107, 654-658.	2.9	18
60	PTCH1 gene haplotype association with basal cell carcinoma after transplantation. British Journal of Dermatology, 2010, 163, 364-370.	1.5	18
61	Association of childhood allergic asthma with markers flanking the IL33 gene in Italian families. Journal of Allergy and Clinical Immunology, 2011, 128, 667-668.	2.9	15
62	Gut microbiota modulates seizure susceptibility. Epilepsia, 2021, 62, e153-e157.	5.1	15
63	Polymorphism â^'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, 812-814.	2.3	14
64	An integrated genomic-transcriptomic approach supports a role for the proto-oncogene BCL3 in atherosclerosis. Thrombosis and Haemostasis, 2015, 113, 655-663.	3.4	13
65	Sex-specific effect of RNASEL rs486907 and miR-146a rs2910164 polymorphismsâ€™ interaction as a susceptibility factor for melanoma skin cancer. Melanoma Research, 2017, 27, 309-314.	1.2	13
66	Mesenchymal stem cells: A new diagnostic tool?. World Journal of Stem Cells, 2015, 7, 789.	2.8	12
67	The genetic background of osteoporosis in cystic fibrosis: Association analysis with polymorphic markers in four candidate genes. Journal of Cystic Fibrosis, 2006, 5, 229-235.	0.7	11
68	Reply to Novelli. European Journal of Human Genetics, 2006, 14, 895-895.	2.8	10
69	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.	1.9	10
70	An integrated approach identifies new oncotargets in melanoma. Oncotarget, 2018, 9, 11489-11502.	1.8	10
71	HDAC9, TWIST1 and FERD3L gene expression in asymptomatic stable and unstable carotid plaques. Inflammation Research, 2016, 65, 261-263.	4.0	9
72	Application of the whole-transcriptome shotgun sequencing approach to the study of Philadelphia-positive acute lymphoblastic leukemia. Blood Cancer Journal, 2012, 2, e61-e61.	6.2	8

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73	Cyclooxygenase 2, toll-like receptor 4 and interleukin 1Î² mRNA expression in atherosclerotic plaques of type 2 diabetic patients. Inflammation Research, 2014, 63, 851-858.	4.0	8
74	Association of micro<scp>RNA</scp> 146a polymorphism rs2910164 and the risk of melanoma in an Italian population. Experimental Dermatology, 2015, 24, 794-795.	2.9	8
75	Adaptive Interactions of Achromobacter spp. with Pseudomonas aeruginosa in Cystic Fibrosis Chronic Lung Co-Infection. Pathogens, 2021, 10, 978.	2.8	8
76	No linkage or association of five polymorphisms in the interleukin-4 receptor Î± gene with atopic asthma in Italian families. International Journal of Immunogenetics, 2003, 30, 349-353.	1.2	7
77	Mobilome Analysis of Achromobacter spp. Isolates from Chronic and Occasional Lung Infection in Cystic Fibrosis Patients. Microorganisms, 2021, 9, 130.	3.6	7
78	Analysis of RBFOX1 gene expression in lymphoblastoid cell lines of Italian discordant autism spectrum disorders sib-pairs. Molecular and Cellular Probes, 2014, 28, 242-245.	2.1	6
79	Genetic and bioinformatics analysis of four novel <scp>GCK</scp> missense variants detected in Caucasian families with <scp>GCKâ€MODY</scp> phenotype. Clinical Genetics, 2015, 87, 440-447.	2.0	6
80	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.	2.8	5
81	Fully non-homogeneous hidden Markov model double net: A generative model for haplotype reconstruction and block discovery. Artificial Intelligence in Medicine, 2009, 45, 135-150.	6.5	4
82	Association of promoter polymorphism â^'765<scp>G</scp>><scp>C</scp> in the <scp>PTGS</scp>2 gene with malignant melanoma in <scp>I</scp>talian patients and its correlation to gene expression in dermal fibroblasts. Experimental Dermatology, 2014, 23, 766-768.	2.9	4
83	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.	1.3	4
84	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.	3.5	4
85	Analysis of the 3â€²UTR of the prostaglandin synthetase-2 (PTGS-2â€Š/â€ŠCOX-2) gene in non-melanoma skin cancer after organ transplantation. Experimental Dermatology, 2011, 20, 1025-1027.	2.9	3
86	Imputation reliability on DNA biallelic markers for drug metabolism studies. BMC Bioinformatics, 2012, 13, S7.	2.6	3
87	Melanoma risk alleles are associated with downregulation of the <scp>MTAP</scp> gene and hypermethylation of a CpG island upstream of the gene in dermal fibroblasts. Experimental Dermatology, 2017, 26, 733-736.	2.9	3
88	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.	2.3	3
89	Colocalization analysis of pancreas eQTLs with risk loci from alcoholic and novel non-alcoholic chronic pancreatitis GWAS suggests potential disease causing mechanisms. Pancreatology, 2022, 22, 449-456.	1.1	3
90	Lack of expression of TUBB3 characterizes both BCL2-positive and BCL2-negative follicular lymphoma. Modern Pathology, 2014, 27, 808-813.	5.5	2

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91	Enhancer of zeste 2 polycomb repressive complex 2 subunit polymorphisms in melanoma skin cancer risk. Experimental Dermatology, 2020, 29, 980-986.	2.9	1
92	Sphingomyelin and Medullary Sponge Kidney Disease: A Biological Link Identified by Omics Approach. Frontiers in Medicine, 2021, 8, 671798.	2.6	1
93	Corrigendum to: Glutathione S-transferase and CYP1A1 gene polymorphisms and non-melanoma skin cancer risk in Italian transplanted patients. Experimental Dermatology, 2011, 20, 375-376.	2.9	0
94	FP057SERUM METABOLOMIC PROFILE DISCRIMINATES MEDULLARY SPONGE KIDNEY DISEASE FROM IDIOPATHIC CALCIUM NEPHROLITHIASIS PATIENTS. Nephrology Dialysis Transplantation, 2018, 33, i66-i67.	0.7	0
95	ALOX5AP Gene Variants and Risk of Coronary Artery Disease in Italy. An Angiography-Based Study.. Blood, 2006, 108, 1459-1459.	1.4	0