

# Francesco Gianfagna

## List of Publications by Year in descending order

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Version: 2024-02-01

104  
papers

18,184  
citations

117619

34  
h-index

36025

97  
g-index

108  
all docs

108  
docs citations

108  
times ranked

34163  
citing authors

#	ARTICLE	IF	CITATIONS
1	Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128.9 million children, adolescents, and adults. <i>Lancet, The</i> , 2017, 390, 2627-2642.	13.7	5,010
2	Trends in adult body-mass index in 200 countries from 1975 to 2014: a pooled analysis of 1698 population-based measurement studies with 19.2 million participants. <i>Lancet, The</i> , 2016, 387, 1377-1396.	13.7	3,941
3	Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4.4 million participants. <i>Lancet, The</i> , 2016, 387, 1513-1530.	13.7	2,842
4	Worldwide trends in blood pressure from 1975 to 2015: a pooled analysis of 1479 population-based measurement studies with 19.1 million participants. <i>Lancet, The</i> , 2017, 389, 37-55.	13.7	1,667
5	Saliva is a reliable tool to detect SARS-CoV-2. <i>Journal of Infection</i> , 2020, 81, e45-e50.	3.3	562
6	Rising rural body-mass index is the main driver of the global obesity epidemic in adults. <i>Nature</i> , 2019, 569, 260-264.	27.8	469
7	The genetics of blood pressure regulation and its target organs from association studies in 342,415 individuals. <i>Nature Genetics</i> , 2016, 48, 1171-1184.	21.4	362
8	Sex Differences and Similarities in Atrial Fibrillation Epidemiology, Risk Factors, and Mortality in Community Cohorts. <i>Circulation</i> , 2017, 136, 1588-1597.	1.6	307
9	Application of non-HDL cholesterol for population-based cardiovascular risk stratification: results from the Multinational Cardiovascular Risk Consortium. <i>Lancet, The</i> , 2019, 394, 2173-2183.	13.7	177
10	White blood cell count, sex and age are major determinants of heterogeneity of platelet indices in an adult general population: results from the MOLI-SANI project. <i>Haematologica</i> , 2011, 96, 1180-1188.	3.5	151
11	Mucosal immune response in BNT162b2 COVID-19 vaccine recipients. <i>EBioMedicine</i> , 2022, 75, 103788.	6.1	149
12	Effects of diabetes definition on global surveillance of diabetes prevalence and diagnosis: a pooled analysis of 96 population-based studies with 331.288 participants. <i>Lancet Diabetes and Endocrinology</i> , 2015, 3, 624-637.	11.4	139
13	Platelet-leukocyte interactions in thrombosis. <i>Thrombosis Research</i> , 2012, 129, 263-266.	1.7	128
14	Adiposity as a cause of cardiovascular disease: a Mendelian randomization study. <i>International Journal of Epidemiology</i> , 2015, 44, 578-586.	1.9	123
15	Meta-Analysis of the Brain-Derived Neurotrophic Factor Gene <i>BDNF</i> Val66Met Polymorphism in Anxiety Disorders and Anxiety-Related Personality Traits. <i>Neuropsychobiology</i> , 2008, 58, 163-170.	1.9	121
16	Meta- and Pooled Analyses of the Methylenetetrahydrofolate Reductase C677T and A1298C Polymorphisms and Gastric Cancer Risk: A Huge-GSEC Review. <i>American Journal of Epidemiology</i> , 2007, 167, 505-516.	3.4	103
17	A genomic approach to therapeutic target validation identifies a glucose-lowering <i>GLP1R</i> variant protective for coronary heart disease. <i>Science Translational Medicine</i> , 2016, 8, 341ra76.	12.4	100
18	Risk for Autism Spectrum Disorders According to Period of Prenatal Antidepressant Exposure. <i>JAMA Pediatrics</i> , 2017, 171, 555.	6.2	89

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19	Polymorphisms in metabolic genes, their combination and interaction with tobacco smoke and alcohol consumption and risk of gastric cancer: a case-control study in an Italian population. <i>BMC Cancer</i> , 2007, 7, 206.	2.6	85
20	Alcohol consumption, cardiac biomarkers, and risk of atrial fibrillation and adverse outcomes. <i>European Heart Journal</i> , 2021, 42, 1170-1177.	2.2	79
21	Smoking Status and Gastric Cancer Risk: An Updated Meta-Analysis of Case-Control Studies Published in the past Ten Years. <i>Tumori</i> , 2009, 95, 13-22.	1.1	78
22	Association of proinflammatory diet with low-grade inflammation: results from the Moli-sani study. <i>Nutrition</i> , 2018, 54, 182-188.	2.4	66
23	Contributions of mean and shape of blood pressure distribution to worldwide trends and variations in raised blood pressure: a pooled analysis of 1018 population-based measurement studies with 88.6 million participants. <i>International Journal of Epidemiology</i> , 2018, 47, 872-883i.	1.9	65
24	Meta-analyses of the methylenetetrahydrofolate reductase C677T and A1298C polymorphisms and risk of head and neck and lung cancer. <i>Cancer Letters</i> , 2009, 273, 55-61.	7.2	57
25	Chili Pepper Consumption and Mortality in Italian Adults. <i>Journal of the American College of Cardiology</i> , 2019, 74, 3139-3149.	2.8	57
26	Sex-Specific Epidemiology of Heart Failure Risk and Mortality in Europe. <i>JACC: Heart Failure</i> , 2019, 7, 204-213.	4.1	54
27	Prevention of postoperative atrial fibrillation in open heart surgery patients by preoperative supplementation of n-3 polyunsaturated fatty acids: An updated meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013, 146, 906-911.	0.8	52
28	Glutathione S-transferase T1 status and gastric cancer risk: a meta-analysis of the literature. <i>Mutagenesis</i> , 2006, 21, 115-123.	2.6	50
29	A Systematic Review of Meta-Analyses on Gene Polymorphisms and Gastric Cancer Risk. <i>Current Genomics</i> , 2008, 9, 361-374.	1.6	50
30	A systematic review evaluating the methodological aspects of meta-analyses of genetic association studies in cancer research. <i>European Journal of Epidemiology</i> , 2010, 25, 765-775.	5.7	48
31	National trends in total cholesterol obscure heterogeneous changes in HDL and non-HDL cholesterol and total-to-HDL cholesterol ratio: a pooled analysis of 458 population-based studies in Asian and Western countries. <i>International Journal of Epidemiology</i> , 2020, 49, 173-192.	1.9	44
32	Type 2 diabetes and polymorphisms on chromosome 9p21: A meta-analysis. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2012, 22, 619-625.	2.6	39
33	Sulfotransferase 1A1 polymorphism and gastric cancer risk: a pilot case-control study. <i>Cancer Letters</i> , 2005, 229, 235-243.	7.2	37
34	CYP2E1PstI/RsaI polymorphism and interaction with tobacco, alcohol and GSTs in gastric cancer susceptibility: a meta-analysis of the literature. <i>Carcinogenesis</i> , 2007, 28, 101-106.	2.8	37
35	Methylenetetrahydrofolate reductase C677T and A1298C polymorphisms and susceptibility to gastric adenocarcinoma in an Italian population. <i>Biomarkers</i> , 2007, 12, 635-644.	1.9	36
36	Heart Rate Variability Frequency Domain Alterations among Healthy Nurses Exposed to Prolonged Work Stress. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 113.	2.6	33

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37	Fish intake is associated with lower cardiovascular risk in a Mediterranean population: Prospective results from the Moli-sani study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2017, 27, 865-873.	2.6	31
38	Reduced mortality risk by a polyphenol-rich diet: An analysis from the Moli-sani study. <i>Nutrition</i> , 2018, 48, 87-95.	2.4	31
39	Moderate Alcohol Consumption Is Associated With Lower Risk for Heart Failure But Not Atrial Fibrillation. <i>JACC: Heart Failure</i> , 2017, 5, 837-844.	4.1	30
40	Orange juice intake during a fatty meal consumption reduces the postprandial low-grade inflammatory response in healthy subjects. <i>Thrombosis Research</i> , 2015, 135, 255-259.	1.7	29
41	Improving long-term prediction of first cardiovascular event: The contribution of family history of coronary heart disease and social status. <i>Preventive Medicine</i> , 2014, 64, 75-80.	3.4	28
42	Precision Medicine and Public Health: New Challenges for Effective and Sustainable Health. <i>Journal of Personalized Medicine</i> , 2021, 11, 135.	2.5	27
43	Variation of PEAR1 DNA methylation influences platelet and leukocyte function. <i>Clinical Epigenetics</i> , 2019, 11, 151.	4.1	25
44	Change in newly diagnosed Graves' disease phenotype between the twentieth and the twenty-first centuries: meta-analysis and meta-regression. <i>Journal of Endocrinological Investigation</i> , 2021, 44, 1707-1718.	3.3	24
45	Influence of sleep disturbances on age at onset and long-term incidence of major cardiovascular events: the MONICA-Brianza and PAMELA cohort studies. <i>Sleep Medicine</i> , 2016, 21, 126-132.	1.6	23
46	Common genetic variation in obesity, lipid transfer genes and risk of Metabolic Syndrome: Results from IDEFICS/I.Family study and meta-analysis. <i>Scientific Reports</i> , 2020, 10, 7189.	3.3	23
47	From candidate gene to genome-wide association studies in cardiovascular disease. <i>Thrombosis Research</i> , 2012, 129, 320-324.	1.7	22
48	Genetic invalidation of Lp-PLA2 as a therapeutic target: Large-scale study of five functional Lp-PLA2-lowering alleles. <i>European Journal of Preventive Cardiology</i> , 2017, 24, 492-504.	1.8	22
49	Serum vitamin D deficiency and risk of hospitalization for heart failure: Prospective results from the Moli-sani study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2018, 28, 298-307.	2.6	21
50	Adherence to the Mediterranean Diet during the COVID-19 national lockdowns: a systematic review of observational studies. <i>Acta Biomedica</i> , 2021, 92, e2021440.	0.3	21
51	T-wave axis deviation and left ventricular hypertrophy interaction in diabetes and hypertension. <i>Journal of Electrocardiology</i> , 2013, 46, 487-491.	0.9	20
52	Prevalence of Abdominal Aortic Aneurysms in the General Population and in Subgroups at High Cardiovascular Risk in Italy. Results of the RoCAV Population Based Study. <i>European Journal of Vascular and Endovascular Surgery</i> , 2018, 55, 633-639.	1.5	19
53	Postprandial cell inflammatory response to a standardised fatty meal in subjects at different degree of cardiovascular risk. <i>Thrombosis and Haemostasis</i> , 2012, 107, 530-537.	3.4	17
54	Cardiovascular disease prevention at the workplace: assessing the prognostic value of lifestyle risk factors and job-related conditions. <i>International Journal of Public Health</i> , 2018, 63, 723-732.	2.3	16

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55	Platelet Distribution Width Is Associated with P-Selectin Dependent Platelet Function: Results from the Moli-Family Cohort Study. <i>Cells</i> , 2021, 10, 2737.	4.1	16
56	A caseâ€“control study investigating the role of sulfotransferase 1A1 polymorphism in head and neck cancer. <i>Journal of Cancer Research and Clinical Oncology</i> , 2006, 132, 466-472.	2.5	15
57	Prevalence of abdominal aortic aneurysms and its relation with cardiovascular risk stratification: protocol of the Risk of Cardiovascular diseases and abdominal aortic Aneurysm in Varese (RoCAV) population based study. <i>BMC Cardiovascular Disorders</i> , 2016, 16, 243.	1.7	15
58	Variability of Platelet Indices and Function: Acquired and Genetic Factors. <i>Handbook of Experimental Pharmacology</i> , 2012, , 395-434.	1.8	14
59	Association between bone stiffness and nutritional biomarkers combined with weight-bearing exercise, physical activity, and sedentary time in preadolescent children. A caseâ€“control study. <i>Bone</i> , 2015, 78, 142-149.	2.9	13
60	Comparison of Cardiovascular Risk Factors in European Population Cohorts for Predicting Atrial Fibrillation and Heart Failure, Their Subsequent Onset, and Death. <i>Journal of the American Heart Association</i> , 2020, 9, e015218.	3.7	13
61	Relationship Between Markers of Body Fat and Calcaneal Bone Stiffness Differs Between Preschool and Primary School Children: Results from the IDEFICS Baseline Survey. <i>Calcified Tissue International</i> , 2012, 91, 276-285.	3.1	12
62	ZBTB12 DNA methylation is associated with coagulation- and inflammation-related blood cell parameters: findings from the Moli-family cohort. <i>Clinical Epigenetics</i> , 2019, 11, 74.	4.1	12
63	Atherogenic Dyslipidemia in Children: Evaluation of Clinical, Biochemical and Genetic Aspects. <i>PLoS ONE</i> , 2015, 10, e0120099.	2.5	11
64	Temporal relations between atrial fibrillation and ischaemic stroke and their prognostic impact on mortality. <i>Europace</i> , 2020, 22, 522-529.	1.7	11
65	Changes in a Mediterranean lifestyle during the COVID-19 pandemic among elderly Italians: an analysis of gender and socioeconomic inequalities in the â€œLOST in Lombardiaâ€“study. <i>International Journal of Food Sciences and Nutrition</i> , 2022, 73, 683-692.	2.8	11
66	Understanding the Links among neuromedin U Gene, beta2-adrenoceptor Gene and Bone Health: An Observational Study in European Children. <i>PLoS ONE</i> , 2013, 8, e70632.	2.5	10
67	Heritability, genetic correlation and linkage to the 9p21.3 region of mixed plateletâ€“leukocyte conjugates in families with and without early myocardial infarction. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, 684-692.	2.6	9
68	Do apolipoproteins improve coronary risk prediction in subjects with metabolic syndrome? Insights from the North Italian Brianza cohort study. <i>Atherosclerosis</i> , 2014, 236, 175-181.	0.8	9
69	Validity of a long-term cardiovascular disease risk prediction equation for low-incidence populations: The CAMUNIâ€“MATISS Cohorts Collaboration Study. <i>European Journal of Preventive Cardiology</i> , 2015, 22, 1618-1625.	1.8	9
70	Cardiac Troponin I and Incident Stroke in European Cohorts. <i>Stroke</i> , 2020, 51, 2770-2777.	2.0	9
71	Anti-SARS-CoV-2 antibody levels and kinetics of vaccine response: potential role for unresolved inflammation following recovery from SARS-CoV-2 infection. <i>Scientific Reports</i> , 2022, 12, 385.	3.3	9
72	T-wave axis deviation, metabolic syndrome and estimated cardiovascular risk â€“ In men and women of the MOLI-SANI study. <i>Atherosclerosis</i> , 2013, 226, 412-418.	0.8	8

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73	Body Mass Index and Mortality in Elderly Subjects from the Moli-Sani Study: A Possible Mediation by Low-Grade Inflammation?. <i>Immunological Investigations</i> , 2018, 47, 774-789.	2.0	8
74	Psychological Resilience, Cardiovascular Disease, and Metabolic Disturbances: A Systematic Review. <i>Frontiers in Psychology</i> , 2022, 13, 817298.	2.1	8
75	Risk Factors, Subsequent Disease Onset, and Prognostic Impact of Myocardial Infarction and Atrial Fibrillation. <i>Journal of the American Heart Association</i> , 2022, 11, e024299.	3.7	8
76	Mean platelet volume is associated with lower risk of overall and non-vascular mortality in a general population. <i>Thrombosis and Haemostasis</i> , 2017, 117, 1129-1140.	3.4	7
77	Polymorphisms of matrix metalloproteinase gene and adiposity indices in European children: results of the IDEFICS study. <i>International Journal of Obesity</i> , 2013, 37, 1539-1544.	3.4	6
78	From directive to practice: are pictorial warnings and plain packaging effective to reduce the tobacco addiction?. <i>Public Health</i> , 2015, 129, 1563-1570.	2.9	6
79	Genetic regulation of inflammation-mediated activation of haemostasis: Family-based approaches in population studies. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2011, 21, 857-861.	2.6	5
80	The Moli-sani project: computerized ECG database in a population-based cohort study. <i>Journal of Electrocardiology</i> , 2012, 45, 684-689.	0.9	5
81	Long-term prediction of major coronary or ischaemic stroke event in a low-incidence Southern European population: model development and evaluation of clinical utility. <i>BMJ Open</i> , 2013, 3, e003630.	1.9	5
82	Combined use of short-term and long-term cardiovascular risk scores in primary prevention. <i>Journal of Cardiovascular Medicine</i> , 2017, 18, 318-324.	1.5	5
83	Time Trends of Percutaneous Injuries in Hospital Nurses: Evidence of the Interference between Effects of Adoption of Safety Devices and Organizational Factors. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 4371.	2.6	5
84	Identification of dietary patterns in a general population of North Italian adults and their association with arterial stiffness. The RoCAV study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 44-51.	2.6	5
85	The role of neuromedin U in adiposity regulation. Haplotype analysis in European children from the IDEFICS Cohort. <i>PLoS ONE</i> , 2017, 12, e0172698.	2.5	5
86	Neuromedin U potentiates ADP- and epinephrine-induced human platelet activation. <i>Thrombosis Research</i> , 2017, 159, 100-108.	1.7	4
87	Association between variants of neuromedin U gene and taste thresholds and food preferences in European children: Results from the IDEFICS study. <i>Appetite</i> , 2019, 142, 104376.	3.7	4
88	NMU DNA methylation in blood is associated with metabolic and inflammatory indices: results from the Moli-sani study. <i>Epigenetics</i> , 2021, 16, 1-14.	2.7	4
89	Pandemic and seasonal vaccine coverage and effectiveness during the 2009â€“2010 pandemic influenza in an Italian adult population. <i>International Journal of Public Health</i> , 2012, 57, 569-579.	2.3	3
90	Too many individuals are unaware of their blood lipid levels, but might still get health benefit from the Mediterranean diet through lipid-independent mechanisms. <i>European Journal of Preventive Cardiology</i> , 2019, 26, 1953-1956.	1.8	3

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91	Fine-grained investigation of the relationship between human nutrition and global DNA methylation patterns. <i>European Journal of Nutrition</i> , 2022, 61, 1231-1243.	3.9	3
92	Disentangling the Association of Hydroxychloroquine Treatment with Mortality in Covid-19 Hospitalized Patients through Hierarchical Clustering. <i>Journal of Healthcare Engineering</i> , 2021, 2021, 1-10.	1.9	2
93	Adherence to the Mediterranean Diet during COVID-19 national lockdowns: a systematic review. <i>European Journal of Public Health</i> , 2021, 31, .	0.3	2
94	Association of Psychological Resilience with All-Cause and Cardiovascular Mortality in a General Population in Italy: Prospective Findings from the Moli-Sani Study. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 222.	2.6	2
95	Correction of QRS voltage for body mass index does not improve the prediction of fatal and nonfatal cardiovascular events. <i>The Moli-sani study. Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020, 30, 426-433.	2.6	1
96	Psychological resilience and cardiovascular disease? A systematic review of the literature. <i>European Journal of Public Health</i> , 2020, 30, .	0.3	1
97	[736] GENETIC AND ENVIRONMENTAL FACTORS RESPONSIBLE FOR OXIDATIVE STRESS IN NONALCOHOLIC FATTY LIVER DISEASE (NAFLD). <i>Journal of Hepatology</i> , 2007, 46, S277.	3.7	0
98	From directive to practice: Are pictorial warnings effective to fight smoking?. <i>European Journal of Public Health</i> , 2014, 24, .	0.3	0
99	OS 06-07 COMBINING SHORT- AND LONG-TERM RISK SCORES IN PRIMARY PREVENTION OF MAJOR CARDIOVASCULAR DISEASE EVENTS IN LOW INCIDENCE POPULATIONS. <i>Journal of Hypertension</i> , 2016, 34, e63-e64.	0.5	0
100	Monitoring quality of care in acute myocardial infarction patients using retrospective registry data. <i>International Journal for Quality in Health Care</i> , 2018, 30, 344-350.	1.8	0
101	1661câ€...Cardiovascular disease screening at the workplace: discrimination ability of lifestyle risk factors and job-related conditions. , 2018, , .		0
102	Platelet Distribution Width as a marker of platelet reactivity and platelet activation status in men and women of the Moli-family cohort. , 2021, 41, .		0
103	How genetics and epigenetics can improve cardiovascular risk prediction: examples from the Moli-sani and Moli-family studies. <i>European Journal of Public Health</i> , 2021, 31, .	0.3	0
104	Occupational class differences in ankle-brachial index and pulse wave velocity measurements to detect subclinical vascular disease. <i>Medicina Del Lavoro</i> , 2021, 112, 268-278.	0.4	0