Francesco Gianfagna

List of Publications by Year in descending order

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104 papers	18,184 citations	117625 34 h-index	36028 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 128Â·9 million children, adolescents, and adults. Lancet, The, 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 19Â·2 million participants. Lancet, The, 2016, 387, 1377-1396.	13.7	3,941
3	Worldwide trends in diabetes since 1980: a pooled analysis of 751 population-based studies with 4Â·4 million participants. Lancet, The, 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 19Â·1 million participants. Lancet, The, 2017, 389, 37-55.	13.7	1,667
5	Saliva is a reliable tool to detect SARS-CoV-2. Journal of Infection, 2020, 81, e45-e50.	3.3	562
6	Rising rural body-mass index is the main driver of the global obesity epidemic in adults. Nature, 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. Nature Genetics, 2016, 48, 1171-1184.	21.4	362
8	Sex Differences and Similarities in Atrial Fibrillation Epidemiology, Risk Factors, and Mortality in Community Cohorts. Circulation, 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. Lancet, The, 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. Haematologica, 2011, 96, 1180-1188.	3.5	151
11	Mucosal immune response in BNT162b2 COVID-19 vaccine recipients. EBioMedicine, 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 331â€˜288 participants. Lancet Diabetes and Endocrinology,the, 2015, 3, 624-637.	11.4	139
13	Platelet-leukocyte interactions in thrombosis. Thrombosis Research, 2012, 129, 263-266.	1.7	128
14	Adiposity as a cause of cardiovascular disease: a Mendelian randomization study. International Journal of Epidemiology, 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. Neuropsychobiology, 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. American Journal of Epidemiology, 2007, 167, 505-516.	3.4	103
17	A genomic approach to therapeutic target validation identifies a glucose-lowering GLP1R variant protective for coronary heart disease. Science Translational Medicine, 2016, 8, 341ra76.	12.4	100
18	Risk for Autism Spectrum Disorders According to Period of Prenatal Antidepressant Exposure. JAMA Pediatrics, 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. BMC Cancer, 2007, 7, 206.	2.6	85
20	Alcohol consumption, cardiac biomarkers, and risk of atrial fibrillation and adverse outcomes. European Heart Journal, 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. Tumori, 2009, 95, 13-22.	1.1	78
22	Association of proinflammatory diet with low-grade inflammation: results from the Moli-sani study. Nutrition, 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. International Journal of Epidemiology, 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. Cancer Letters, 2009, 273, 55-61.	7.2	57
25	Chili Pepper Consumption and Mortality in Italian Adults. Journal of the American College of Cardiology, 2019, 74, 3139-3149.	2.8	57
26	Sex-Specific Epidemiology of Heart Failure Risk and Mortality in Europe. JACC: Heart Failure, 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. Journal of Thoracic and Cardiovascular Surgery, 2013, 146, 906-911.	0.8	52
28	Glutathione S-transferase T1 status and gastric cancer risk: a meta-analysis of the literature. Mutagenesis, 2006, 21, 115-123.	2.6	50
29	A Systematic Review of Meta-Analyses on Gene Polymorphisms and Gastric Cancer Risk. Current Genomics, 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. European Journal of Epidemiology, 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. International Journal of Epidemiology, 2020, 49, 173-192.	1.9	44
32	Type 2 diabetes and polymorphisms on chromosome 9p21: A meta-analysis. Nutrition, Metabolism and Cardiovascular Diseases, 2012, 22, 619-625.	2.6	39
33	Sulfotransferase 1A1 polymorphism and gastric cancer risk: a pilot case-control study. Cancer Letters, 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. Carcinogenesis, 2007, 28, 101-106.	2.8	37
35	Methylenetetrahydrofolate reductase C677T and A1298C polymorphisms and susceptibility to gastric adenocarcinoma in an Italian population. Biomarkers, 2007, 12, 635-644.	1.9	36
36	Heart Rate Variability Frequency Domain Alterations among Healthy Nurses Exposed to Prolonged Work Stress. International Journal of Environmental Research and Public Health, 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. Nutrition, Metabolism and Cardiovascular Diseases, 2017, 27, 865-873.	2.6	31
38	Reduced mortality risk by a polyphenol-rich diet: An analysis from the Moli-sani study. Nutrition, 2018, 48, 87-95.	2.4	31
39	Moderate Alcohol Consumption IsÂAssociated With Lower Risk for HeartÂFailure But Not Atrial Fibrillation. JACC: Heart Failure, 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. Thrombosis Research, 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. Preventive Medicine, 2014, 64, 75-80.	3.4	28
42	Precision Medicine and Public Health: New Challenges for Effective and Sustainable Health. Journal of Personalized Medicine, 2021, 11, 135.	2.5	27
43	Variation of PEAR1 DNA methylation influences platelet and leukocyte function. Clinical Epigenetics, 2019, 11, 151.	4.1	25
44	Change in newly diagnosed Gravesâ€™ disease phenotype between the twentieth and the twenty-first centuries: meta-analysis and meta-regression. Journal of Endocrinological Investigation, 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. Sleep Medicine, 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. Scientific Reports, 2020, 10, 7189.	3.3	23
47	From candidate gene to genome-wide association studies in cardiovascular disease. Thrombosis Research, 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. European Journal of Preventive Cardiology, 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. Nutrition, Metabolism and Cardiovascular Diseases, 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. Acta Biomedica, 2021, 92, e2021440.	0.3	21
51	T-wave axis deviation and left ventricular hypertrophy interaction in diabetes and hypertension. Journal of Electrocardiology, 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. European Journal of Vascular and Endovascular Surgery, 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. Thrombosis and Haemostasis, 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. International Journal of Public Health, 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. Cells, 2021, 10, 2737.	4.1	16
56	A caseâ€“control study investigating the role of sulfotransferase 1A1 polymorphism in head and neck cancer. Journal of Cancer Research and Clinical Oncology, 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. BMC Cardiovascular Disorders, 2016, 16, 243.	1.7	15
58	Variability of Platelet Indices and Function: Acquired and Genetic Factors. Handbook of Experimental Pharmacology, 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. Bone, 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. Journal of the American Heart Association, 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. Calcified Tissue International, 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. Clinical Epigenetics, 2019, 11, 74.	4.1	12
63	Atherogenic Dyslipidemia in Children: Evaluation of Clinical, Biochemical and Genetic Aspects. PLoS ONE, 2015, 10, e0120099.	2.5	11
64	Temporal relations between atrial fibrillation and ischaemic stroke and their prognostic impact on mortality. Europace, 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. International Journal of Food Sciences and Nutrition, 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. PLoS ONE, 2013, 8, e70632.	2.5	10
67	Heritability, genetic correlation and linkageÂto the 9p21.3 region of mixed plateletâ€“leukocyte conjugates in families with and without early myocardial infarction. Nutrition, Metabolism and Cardiovascular Diseases, 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. Atherosclerosis, 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. European Journal of Preventive Cardiology, 2015, 22, 1618-1625.	1.8	9
70	Cardiac Troponin I and Incident Stroke in European Cohorts. Stroke, 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. Scientific Reports, 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. Atherosclerosis, 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?. Immunological Investigations, 2018, 47, 774-789.	2.0	8
74	Psychological Resilience, Cardiovascular Disease, and Metabolic Disturbances: A Systematic Review. Frontiers in Psychology, 2022, 13, 817298.	2.1	8
75	Risk Factors, Subsequent Disease Onset, and Prognostic Impact of Myocardial Infarction and Atrial Fibrillation. Journal of the American Heart Association, 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. Thrombosis and Haemostasis, 2017, 117, 1129-1140.	3.4	7
77	Polymorphisms of matrix metalloproteinase gene and adiposity indices in European children: results of the IDEFICS study. International Journal of Obesity, 2013, 37, 1539-1544.	3.4	6
78	From directive to practice: are pictorial warnings and plain packaging effective to reduce the tobacco addiction?. Public Health, 2015, 129, 1563-1570.	2.9	6
79	Genetic regulation of inflammation-mediated activation of haemostasis: Family-based approaches in population studies. Nutrition, Metabolism and Cardiovascular Diseases, 2011, 21, 857-861.	2.6	5
80	The Moli-sani project: computerized ECG database in a population-based cohort study. Journal of Electrocardiology, 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. BMJ Open, 2013, 3, e003630.	1.9	5
82	Combined use of short-term and long-term cardiovascular risk scores in primary prevention. Journal of Cardiovascular Medicine, 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. International Journal of Environmental Research and Public Health, 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. Nutrition, Metabolism and Cardiovascular Diseases, 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. PLoS ONE, 2017, 12, e0172698.	2.5	5
86	Neuromedin U potentiates ADP- and epinephrine-induced human platelet activation. Thrombosis Research, 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. Appetite, 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. Epigenetics, 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. International Journal of Public Health, 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. European Journal of Preventive Cardiology, 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. European Journal of Nutrition, 2022, 61, 1231-1243.	3.9	3
92	Disentangling the Association of Hydroxychloroquine Treatment with Mortality in Covid-19 Hospitalized Patients through Hierarchical Clustering. Journal of Healthcare Engineering, 2021, 2021, 1-10.	1.9	2
93	Adherence to the Mediterranean Diet during COVID-19 national lockdowns: a systematic review. European Journal of Public Health, 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. International Journal of Environmental Research and Public Health, 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. The Moli-sani study. Nutrition, Metabolism and Cardiovascular Diseases, 2020, 30, 426-433.	2.6	1
96	Psychological resilience and cardiovascular disease? A systematic review of the literature. European Journal of Public Health, 2020, 30, .	0.3	1
97	[736] GENETIC AND ENVIRONMENTAL FACTORS RESPONSIBLE FOR OXIDATIVE STRESS IN NONALCOHOLIC FATTY LIVER DISEASE (NAFLD). Journal of Hepatology, 2007, 46, S277.	3.7	0
98	From directive to practice: Are pictorial warnings effective to fight smoking?. European Journal of Public Health, 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. Journal of Hypertension, 2016, 34, e63-e64.	0.5	0
100	Monitoring quality of care in acute myocardial infarction patients using retrospective registry data. International Journal for Quality in Health Care, 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. European Journal of Public Health, 2021, 31, .	0.3	0
104	Occupational class differences in ankle-brachial index and pulse wave velocity measurements to detect subclinical vascular disease. Medicina Del Lavoro, 2021, 112, 268-278.	0.4	0