

Cristiano Fava

List of Publications by Year in descending order

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116
papers

6,184
citations

126907

33
h-index

74163

75
g-index

119
all docs

119
docs citations

119
times ranked

11898
citing authors

#	ARTICLE	IF	CITATIONS
1	Genetic variants in novel pathways influence blood pressure and cardiovascular disease risk. <i>Nature</i> , 2011, 478, 103-109.	27.8	1,855
2	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
3	Genome-Wide Association Study of Blood Pressure Extremes Identifies Variant near UMOD Associated with Hypertension. <i>PLoS Genetics</i> , 2010, 6, e1001177.	3.5	312
4	Trans-ancestry meta-analyses identify rare and common variants associated with blood pressure and hypertension. <i>Nature Genetics</i> , 2016, 48, 1151-1161.	21.4	261
5	Effect of CPAP on Blood Pressure in Patients With OSA/Hypopnea. <i>Chest</i> , 2014, 145, 762-771.	0.8	258
6	Association of genetic variation with systolic and diastolic blood pressure among African Americans: the Candidate Gene Association Resource study. <i>Human Molecular Genetics</i> , 2011, 20, 2273-2284.	2.9	168
7	Platelets Promote Thromboinflammation in SARS-CoV-2 Pneumonia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2020, 40, 2975-2989.	2.4	144
8	GWAS and colocalization analyses implicate carotid intima-media thickness and carotid plaque loci in cardiovascular outcomes. <i>Nature Communications</i> , 2018, 9, 5141.	12.8	119
9	The V433M Variant of the <i>CYP4F2</i> Is Associated With Ischemic Stroke in Male Swedes Beyond Its Effect on Blood Pressure. <i>Hypertension</i> , 2008, 52, 373-380.	2.7	114
10	Obstructive Sleep Apnea Syndrome and Cardiovascular Diseases. <i>Seminars in Thrombosis and Hemostasis</i> , 2011, 37, 280-297.	2.7	109
11	Prediction of Blood Pressure Changes Over Time and Incidence of Hypertension by a Genetic Risk Score in Swedes. <i>Hypertension</i> , 2013, 61, 319-326.	2.7	103
12	Obstructive sleep apnoea treatment and blood pressure: which phenotypes predict a response? A systematic review and meta-analysis. <i>European Respiratory Journal</i> , 2020, 55, 1901945.	6.7	99
13	Glucose and collagen regulate human platelet activity through aldose reductase induction of thromboxane. <i>Journal of Clinical Investigation</i> , 2011, 121, 4462-4476.	8.2	95
14	Discovery of rare variants associated with blood pressure regulation through meta-analysis of 1.3 million individuals. <i>Nature Genetics</i> , 2020, 52, 1314-1332.	21.4	91
15	Causal Effect of Plasminogen Activator Inhibitor Type 1 on Coronary Heart Disease. <i>Journal of the American Heart Association</i> , 2017, 6, .	3.7	89
16	Altered Release of Cytochrome P450 Metabolites of Arachidonic Acid in Renovascular Disease. <i>Hypertension</i> , 2008, 51, 1379-1385.	2.7	82
17	Heritability of ambulatory and office blood pressure phenotypes in Swedish families. <i>Journal of Hypertension</i> , 2004, 22, 1717-1721.	0.5	71
18	Atherosclerosis Is an Inflammatory Disease which Lacks a Common Anti-inflammatory Therapy: How Human Genetics Can Help to This Issue. A Narrative Review. <i>Frontiers in Pharmacology</i> , 2018, 9, 55.	3.5	71

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19	The 2020 Italian Society of Arterial Hypertension (SIIA) practical guidelines for the management of primary aldosteronism. <i>International Journal of Cardiology: Hypertension</i> , 2020, 5, 100029.	2.2	69
20	A functional variant of the NEDD4L gene is associated with beneficial treatment response with β -blockers and diuretics in hypertensive patients. <i>Journal of Hypertension</i> , 2011, 29, 388-395.	0.5	68
21	The role of red blood cell distribution width (RDW) in cardiovascular risk assessment: useful or hype?. <i>Annals of Translational Medicine</i> , 2019, 7, 581-581.	1.7	62
22	Exposure to Perfluoroalkyl Chemicals and Cardiovascular Disease: Experimental and Epidemiological Evidence. <i>Frontiers in Endocrinology</i> , 2021, 12, 706352.	3.5	57
23	Subjects heterozygous for genetic loss of function of the thiazide-sensitive cotransporter have reduced blood pressure. <i>Human Molecular Genetics</i> , 2007, 17, 413-418.	2.9	56
24	Impact of the CYP4F2 p.V433M Polymorphism on Coumarin Dose Requirement: Systematic Review and Meta-Analysis. <i>Clinical Pharmacology and Therapeutics</i> , 2012, 92, 746-756.	4.7	56
25	Relationship Between Blood Pressure and Incident Cardiovascular Disease: Linear and Nonlinear Mendelian Randomization Analyses. <i>Hypertension</i> , 2021, 77, 2004-2013.	2.7	55
26	Hypertension, cardiovascular risk and polymorphisms in genes controlling the cytochrome P450 pathway of arachidonic acid: A sex-specific relation?. <i>Prostaglandins and Other Lipid Mediators</i> , 2012, 98, 75-85.	1.9	52
27	Effects of magnesium supplements on blood pressure, endothelial function and metabolic parameters in healthy young men with a family history of metabolic syndrome. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2014, 24, 1213-1220.	2.6	51
28	New Blood Pressure-Associated Loci Identified in Meta-Analyses of 475,000 Individuals. <i>Circulation: Cardiovascular Genetics</i> , 2017, 10, .	5.1	48
29	Identification of the <i>BCAR1-CFDP1-TMEM170A</i> Locus as a Determinant of Carotid Intima-Media Thickness and Coronary Artery Disease Risk. <i>Circulation: Cardiovascular Genetics</i> , 2012, 5, 656-665.	5.1	47
30	Homozygosity for the EPHX2 K55R polymorphism increases the long-term risk of ischemic stroke in men: a study in Swedes. <i>Pharmacogenetics and Genomics</i> , 2010, 20, 94-103.	1.5	46
31	A Variant Upstream of the CDH13 Adiponectin Receptor Gene and Metabolic Syndrome in Swedes. <i>American Journal of Cardiology</i> , 2011, 108, 1432-1437.	1.6	43
32	Maternal and Fetal Epoxyeicosatrienoic Acids in Normotensive and Preeclamptic Pregnancies. <i>American Journal of Hypertension</i> , 2013, 26, 271-278.	2.0	41
33	Dipping and Variability of Blood Pressure and Heart Rate at Night Are Heritable Traits. <i>American Journal of Hypertension</i> , 2005, 18, 1402-1407.	2.0	35
34	Oxidative stress, antioxidants, and vascular damage. <i>British Journal of Clinical Pharmacology</i> , 2006, 61, 774-777.	2.4	33
35	Sex-Specific Effects of Adiponectin on Carotid Intima-Media Thickness and Incident Cardiovascular Disease. <i>Journal of the American Heart Association</i> , 2015, 4, e001853.	3.7	33
36	Beneficial effects of ω -3 PUFA in children on cardiovascular risk factors during childhood and adolescence. <i>Prostaglandins and Other Lipid Mediators</i> , 2015, 120, 72-79.	1.9	31

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37	Serine/threonine kinase 39 is a candidate gene for primary hypertension especially in women: results from two cohort studies in Swedes. <i>Journal of Hypertension</i> , 2011, 29, 484-491.	0.5	30
38	A genetic risk score for hypertension associates with the risk of ischemic stroke in a Swedish caseâ€control study. <i>European Journal of Human Genetics</i> , 2015, 23, 969-974.	2.8	30
39	Plasma Bile Acid Profile in Patients with and without Type 2 Diabetes. <i>Metabolites</i> , 2021, 11, 453.	2.9	28
40	The common functional polymorphism -50G>T of the CYP2J2 gene is not associated with ischemic coronary and cerebrovascular events in an urban-based sample of Swedes. <i>Journal of Hypertension</i> , 2010, 28, 294-299.	0.5	27
41	Sleep-disordered breathing is associated with blood pressure and carotid arterial stiffness in obese children. <i>Journal of Hypertension</i> , 2017, 35, 125-131.	0.5	27
42	The functional variant of the CLC-Kb channel T481S is not associated with blood pressure or hypertension in Swedes. <i>Journal of Hypertension</i> , 2007, 25, 111-116.	0.5	25
43	Home blood pressure measurements: Advantages and disadvantages compared to office and ambulatory monitoring. <i>Blood Pressure</i> , 2015, 24, 325-332.	1.5	25
44	Effect of <i>CYP4F2</i> , <i>VKORC1</i> , and <i>CYP2C9</i> in Influencing Coumarin Dose: A Singleâ€Patient Data Metaâ€Analysis in More Than 15,000 Individuals. <i>Clinical Pharmacology and Therapeutics</i> , 2019, 105, 1477-1491.	4.7	23
45	Individual fatty acids in erythrocyte membranes are associated with several features of the metabolic syndrome in obese children. <i>European Journal of Nutrition</i> , 2019, 58, 731-742.	3.9	23
46	Renal artery stenosis and accelerated atherosclerosis: which comes first?. <i>Journal of Hypertension</i> , 2006, 24, 1687-1696.	0.5	22
47	The Renalase Asp37Glu polymorphism is not associated with hypertension and cardiovascular events in an urban-based prospective cohort: the MalmÃ Diet and cancer study. <i>BMC Medical Genetics</i> , 2012, 13, 57.	2.1	22
48	Increased epoxyeicosatrienoic acids and reduced soluble epoxide hydrolase expression in the preeclamptic placenta. <i>Journal of Hypertension</i> , 2016, 34, 1364-1370.	0.5	21
49	Relation between Dietary Habits, Physical Activity, and Anthropometric and Vascular Parameters in Children Attending the Primary School in the Verona South District. <i>Nutrients</i> , 2019, 11, 1070.	4.1	21
50	Traditional cardiovascular risk factors and residual disease activity are associated with atherosclerosis progression in rheumatoid arthritis patients. <i>Hypertension Research</i> , 2020, 43, 922-928.	2.7	21
51	Influence of genetic variants in FADS2 and ELOVL2 genes on BMI and PUFAs homeostasis in children and adolescents with obesity. <i>International Journal of Obesity</i> , 2021, 45, 56-65.	3.4	21
52	The functional variant V433M of the CYP4F2 and the metabolic syndrome in Swedes. <i>Prostaglandins and Other Lipid Mediators</i> , 2012, 98, 31-36.	1.9	19
53	Intakes of omega-3 polyunsaturated fatty acids and blood pressure change over time: Possible interaction with genes involved in 20-HETE and EETs metabolism. <i>Prostaglandins and Other Lipid Mediators</i> , 2015, 120, 126-133.	1.9	19
54	Effects of insomnia and restless legs syndrome on sleep arterial blood pressure: A systematic review and meta-analysis. <i>Sleep Medicine Reviews</i> , 2021, 59, 101497.	8.5	19

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55	Acute hyperhomocysteinemia induces a reduction in arterial distensibility and compliance. <i>Journal of Hypertension</i> , 2004, 22, 775-781.	0.5	18
56	Evaluation of cardiac involvement following major orthopedic surgery. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 1340-6.	2.3	18
57	Ischemia-modified albumin and NT-prohormone-brain natriuretic peptide in peripheral arterial disease. <i>Clinical Chemistry and Laboratory Medicine</i> , 2006, 44, 207-12.	2.3	17
58	Cardiorespiratory interaction with continuous positive airway pressure. <i>Journal of Thoracic Disease</i> , 2018, 10, S57-S70.	1.4	17
59	Markers of subclinical vascular damages associate with indices of adiposity and blood pressure in obese children. <i>Hypertension Research</i> , 2019, 42, 400-410.	2.7	17
60	Clinical Evaluation of the Polygenetic Background of Blood Pressure in the Population-Based Setting. <i>Hypertension</i> , 2021, 77, 169-177.	2.7	17
61	Rapid onset of bronchiectasis in COVID-19 Pneumonia: two cases studied with CT. <i>Radiology Case Reports</i> , 2020, 15, 2098-2103.	0.6	17
62	Eicosanoids via CYP450 and cardiovascular disease: Hints from genetic and nutrition studies. <i>Prostaglandins and Other Lipid Mediators</i> , 2018, 139, 41-47.	1.9	16
63	Ischemic Stroke and Six Genetic Variants in CRP, EPHX2, FGA, and NOTCH3 Genes: A Meta-Analysis. <i>Journal of Stroke and Cerebrovascular Diseases</i> , 2016, 25, 2284-2289.	1.6	15
64	Prevalence and Comorbidities of Resistant Hypertension: A Collaborative Population-Based Observational Study. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2018, 25, 295-301.	2.2	14
65	Thrombin Generation in Patients with Coronavirus Disease 2019. <i>Seminars in Thrombosis and Hemostasis</i> , 2021, 47, 447-450.	2.7	13
66	Association Between Adducin-1 G460W Variant and Blood Pressure in Swedes Is Dependent on Interaction With Body Mass Index and Gender. <i>American Journal of Hypertension</i> , 2007, 20, 981-989.	2.0	12
67	Omega-3 fatty acids and cytochrome P450-derived eicosanoids in cardiovascular diseases: Which actions and interactions modulate hemodynamics?. <i>Prostaglandins and Other Lipid Mediators</i> , 2017, 128-129, 34-42.	1.9	11
68	Factors associated with accelerated subclinical atherosclerosis in patients with spondyloarthritis without overt cardiovascular disease. <i>Clinical Rheumatology</i> , 2017, 36, 2487-2495.	2.2	11
69	Subclinical Organ Damage in Children and Adolescents with Hypertension: Current Guidelines and Beyond. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2019, 26, 361-373.	2.2	11
70	Determinants of kidney function in Swedish families: role of heritable factors. <i>Journal of Hypertension</i> , 2008, 26, 1773-1779.	0.5	10
71	Overexpression of TNF- α in mitochondrial diseases caused by mutations in mtDNA: evidence for signaling through its receptors on mitochondria. <i>Free Radical Biology and Medicine</i> , 2013, 63, 108-114.	2.9	10
72	Lycopene inhibits endothelial cells migration induced by vascular endothelial growth factor A increasing nitric oxide bioavailability. <i>Journal of Functional Foods</i> , 2018, 42, 312-318.	3.4	10

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73	How to Apply European and American Guidelines on High Blood Pressure in Children and Adolescents. A Position Paper Endorsed by the Italian Society of Hypertension and the Italian Society of Pediatrics. High Blood Pressure and Cardiovascular Prevention, 2020, 27, 183-193.	2.2	10
74	Endothelial dysfunction and increased oxidative stress in mitochondrial diseases. Clinical Science, 2012, 122, 289-299.	4.3	9
75	Ambulatory clinical parameters and sleep respiratory events in a group of obese children unselected for respiratory problems. World Journal of Pediatrics, 2017, 13, 577-583.	1.8	9
76	Blood laboratory testing for early prediction of preeclampsia: chasing the finish line or at the starting blocks?. Annals of Medicine, 2017, 49, 240-253.	3.8	9
77	Fatty Acid Profile and Desaturase Activities in 7-10-Year-Old Children Attending Primary School in Verona South District: Association between Palmitoleic Acid, SCD-16, Indices of Adiposity, and Blood Pressure. International Journal of Molecular Sciences, 2020, 21, 3899.	4.1	9
78	Inflammation and platelet activation in peripheral arterial occlusive disease. International Journal of Angiology, 2007, 16, 84-88.	0.6	8
79	Chromosome 2q12, the ADRA2B I/D polymorphism and metabolic syndrome. Journal of Hypertension, 2009, 27, 1794-1803.	0.5	8
80	Novel mutations in the <i>SLC12A3</i> gene causing Gitelman's syndrome in Swedes. DNA Sequence, 2007, 18, 395-399.	0.7	7
81	Cardiovascular consequences of a polygenetic component of blood pressure in an urban-based longitudinal study. Journal of Hypertension, 2014, 32, 1424-1428.	0.5	7
82	Differential regulation of TNF receptors in maternal leukocytes is associated with severe preterm preeclampsia. Journal of Maternal-Fetal and Neonatal Medicine, 2015, 28, 869-875.	1.5	7
83	Succinate dehydrogenase gene mutation with cardiac paraganglioma: multimodality imaging and pathological correlation. European Heart Journal, 2017, 38, 1853-1854.	2.2	7
84	Reduced Variability to Aspirin Antiplatelet Effect by the Coadministration of Statins in High-Risk Patients for Cardiovascular Disease. Clinical Pharmacology and Therapeutics, 2018, 104, 111-119.	4.7	7
85	Possible Role of CYP450 Generated Omega-3/Omega-6 PUFA Metabolites in the Modulation of Blood Pressure and Vascular Function in Obese Children. Nutrients, 2018, 10, 1689.	4.1	7
86	Effects of Antiangiogenetic Drugs on Microcirculation and Macrocirculation in Patients with Advanced-Stage Renal Cancer. Cancers, 2019, 11, 30.	3.7	7
87	Beneficial effects of DAAs on cardiac function and structure in hepatitis C patients with low-moderate liver fibrosis. Journal of Viral Hepatitis, 2020, 27, 1214-1221.	2.0	7
88	Glucose Challenge Test Does not Predict Gestational Diabetes Mellitus. Internal Medicine, 2008, 47, 1171-1174.	0.7	6
89	Vanin-1 T26I polymorphism, hypertension and cardiovascular events in two large urban-based prospective studies in Swedes. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 53-60.	2.6	6
90	Circulating Nucleic Acids and Hemostasis: Biological Basis behind Their Relationship and Technical Issues in Assessment. Seminars in Thrombosis and Hemostasis, 2014, 40, 766-773.	2.7	6

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91	Opportunistic Screening for Atrial Fibrillation in the Pharmacies: A Population-Based Cross-Sectional Study. <i>High Blood Pressure and Cardiovascular Prevention</i> , 2019, 26, 339-344.	2.2	6
92	Circulating Bile Acids Profiles in Obese Children and Adolescents: A Possible Role of Sex, Puberty and Liver Steatosis. <i>Diagnostics</i> , 2020, 10, 977.	2.6	6
93	Causal Effect of Adiposity Measures on Blood Pressure Traits in 2 Urban Swedish Cohorts: A Mendelian Randomization Study. <i>Journal of the American Heart Association</i> , 2021, 10, e020405.	3.7	6
94	Urinary free cortisol assessment by liquid chromatography tandem mass spectrometry: a case study of ion suppression due to unacquainted administration of piperacillin. <i>Biochemia Medica</i> , 2017, 27, 031001.	2.7	6
95	Overexpression of cytochrome P450 4F2 in mice increases 20-hydroxyeicosatetraenoic acid production and arterial blood pressure. <i>Kidney International</i> , 2009, 76, 913.	5.2	5
96	From circulating biomarkers to genomics and imaging in the prediction of cardiovascular events in the general population. <i>Annals of Medicine</i> , 2012, 44, 433-447.	3.8	5
97	Plasma Leptin in Patients at Intermediate to High Cardiovascular Risk With and Without Type 2 Diabetes Mellitus. <i>Journal of Clinical Laboratory Analysis</i> , 2017, 31, e22031.	2.1	5
98	Positive Effects of Tomato Paste on Vascular Function After a Fat Meal in Male Healthy Subjects. <i>Nutrients</i> , 2018, 10, 1310.	4.1	5
99	Evaluation of circ_100219 and miR-135b in serum and exosomes of healthy pregnant women. <i>Journal of Maternal-Fetal and Neonatal Medicine</i> , 2021, 34, 3645-3650.	1.5	5
100	Expression and functional characterization of the large-conductance calcium and voltage-activated potassium channel Kca1.1 in megakaryocytes and platelets. <i>Journal of Thrombosis and Haemostasis</i> , 2021, 19, 1558-1571.	3.8	4
101	The ANDANTE Project: A Worldwide Individual Data Meta-Analysis of the Effect of Sleep Apnea Treatment on Blood Pressure. <i>Archivos De Bronconeumologia</i> , 2021, 57, 673-676.	0.8	4
102	Performance of non-invasive respiratory function indices in predicting clinical outcomes in patients hospitalized for COVID-19 pneumonia in medical and sub-intensive wards: a retrospective cohort study. <i>Internal and Emergency Medicine</i> , 2022, 17, 1097-1106.	2.0	4
103	Searching for genes involved in hypertension development in special populations: children and pre-eclamptic women. <i>Where are we standing now?</i> . <i>Clinical Chemistry and Laboratory Medicine</i> , 2013, 51, 2253-2269.	2.3	3
104	Reduced platelet count, but no major platelet function abnormalities, are associated with loss-of-function ATP-binding cassette-1 gene mutations. <i>Clinical Science</i> , 2017, 131, 2095-2107.	4.3	3
105	Unusual presentation of primary aldosteronism with advanced target organ damage: A case report. <i>Radiology Case Reports</i> , 2019, 14, 814-818.	0.6	3
106	Central Systolic Blood Pressure Is Associated With Early Vascular Damage in Children and Adolescents With Type 1 Diabetes. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 606103.	2.4	3
107	Antiplatelet activity of Î²-blockers: new light on existing data. <i>British Journal of Clinical Pharmacology</i> , 2014, 78, 937-939.	2.4	2
108	Increased aortic stiffness in adults with chronic indeterminate Chagas disease. <i>PLoS ONE</i> , 2019, 14, e0220689.	2.5	2

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109	Onset of Addison Disease appeared during the first trimester of a twin pregnancy: A case report. <i>Clinical Case Reports (discontinued)</i> , 2021, 9, e03784.	0.5	2
110	Global Longitudinal Strain to Predict Respiratory Failure and Death in Patients Admitted for COVID-19-Related Disease. <i>American Journal of Cardiology</i> , 2022, 165, 109-115.	1.6	2
111	Association of Thyroid Function with Blood Pressure and Cardiovascular Disease: A Mendelian Randomization. <i>Journal of Personalized Medicine</i> , 2021, 11, 1306.	2.5	2
112	Long chain fatty acids metabolism and cardiovascular risk factors in youth with type 1 diabetes. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2021, 31, 297-305.	2.6	1
113	Relationship between common carotid distensibility/aortic stiffness and cardiac left ventricular morphology and function in a group of patients affected by chronic rheumatic diseases: an observational study. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 344-350.	0.8	1
114	In the Name of the Father and the Mother. <i>American Journal of Hypertension</i> , 2006, 19, 492-492.	2.0	0
115	Determinants of Diastolic Dysfunction: A Geometric Matter?. <i>American Journal of Hypertension</i> , 2007, 20, 416-416.	2.0	0
116	Relationship between common carotid distensibility/aortic stiffness and cardiac left ventricular morphology and function in a group of patients affected by chronic rheumatic diseases: an observational study. <i>Clinical and Experimental Rheumatology</i> , 2021, 39, 344-350.	0.8	0