Chiara Caselli

List of Publications by Year
in descending order

85	1,908	270111	325983
papers	citations	25 h-index	40 g-index

90	90	90	3208
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Blood M2-like Monocyte Polarization Is Associated with Calcific Plaque Phenotype in Stable Coronary Artery Disease: A Sub-Study of SMARTool Clinical Trial. Biomedicines, 2022, 10, 565.	1.4	2
2	PCSK9 and atherosclerosis: Looking beyond LDL regulation. European Journal of Clinical Investigation, 2021, 51, e13459.	1.7	45
3	Sex differences in coronary plaque changes assessed by serial computed tomography angiography. International Journal of Cardiovascular Imaging, 2021, 37, 2311-2321.	0.7	6
4	The Fight against COVID-19 on the Multi-Protease Front and Surroundings: Could an Early Therapeutic Approach with Repositioning Drugs Prevent the Disease Severity?. Biomedicines, 2021, 9, 710.	1.4	7
5	A possible role for ST2 as prognostic biomarker for COVID-19. Vascular Pharmacology, 2021, 138, 106857.	1.0	22
6	Discrimination capability of pretest probability of stable coronary artery disease: a systematic review and meta-analysis suggesting how to improve validation procedures. BMJ Open, 2021, 11, e047677.	0.8	6
7	Predictive Added Value of Selected Plasma Lipids to a Re-estimated Minimal Risk Tool. Frontiers in Cardiovascular Medicine, 2021, 8, 682785.	1.1	4
8	Triglyceride-glucose index predicts outcome in patients with chronic coronary syndrome independently of other risk factors and myocardial ischaemia. European Heart Journal Open, 2021, 1, .	0.9	9
9	Triglycerides and low HDL cholesterol predict coronary heart disease risk in patients with stable angina. Scientific Reports, 2021, 11, 20714.	1.6	26
10	Epigenetic Regulation of Cardiac Troponin Genes in Pediatric Patients with Heart Failure Supported by Ventricular Assist Device. Biomedicines, 2021, 9, 1409.	1.4	3
11	A specific plasma lipid signature associated with high triglycerides and low HDL cholesterol identifies residual CAD risk in patients with chronic coronary syndrome. Atherosclerosis, 2021, 339, 1-11.	0.4	7
12	Association of Circulating Heme Oxygenase-1, Lipid Profile and Coronary Disease Phenotype in Patients with Chronic Coronary Syndrome. Antioxidants, 2021, 10, 2002.	2.2	2
13	Anatomical and functional coronary imaging to predict long-term outcome in patients with suspected coronary artery disease: the EVINCI-outcome study. European Heart Journal Cardiovascular Imaging, 2020, 21, 1273-1282.	0.5	40
14	Pathophysiology and molecular signalling in pediatric heart failure and VAD therapy. Clinica Chimica Acta, 2020, 510, 751-759.	0.5	3
15	COVID-19 and cardiovascular consequences: Is the endothelial dysfunction the hardest challenge?. Thrombosis Research, 2020, 196, 143-151.	0.8	73
16	Blood Monocyte Phenotype Fingerprint of Stable Coronary Artery Disease: A Cross-Sectional Substudy of SMARTool Clinical Trial. BioMed Research International, 2020, 2020, 1-11.	0.9	9
17	Transcriptional evaluation of relaxin and endothelin-1 axis in heart failure patients: First evidence of its involvement during left ventricular assist device support. International Journal of Cardiology, 2020, 306, 109-115.	0.8	4
18	Impact of Clinical Characteristics and Statins on Coronary Plaque Progression by Serial Computed Tomography Angiography. Circulation: Cardiovascular Imaging, 2020, 13, e009750.	1.3	37

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19	Aging and biomarkers: Transcriptional levels evaluation of Osteopontin/miRNA-181a axis in hepatic tissue of rats in different age ranges. Experimental Gerontology, 2020, 133, 110879.	1.2	11
20	Variations of circulating miRNA in paediatric patients with Heart Failure supported with Ventricular Assist Device: a pilot study. Scientific Reports, 2020, 10, 5905.	1.6	5
21	Cost-effectiveness analysis of stand-alone or combined non-invasive imaging tests for the diagnosis of stable coronary artery disease: results from the EVINCI study. European Journal of Health Economics, 2019, 20, 1437-1449.	1.4	23
22	Association of PCSK9 plasma levels with metabolic patterns and coronary atherosclerosis in patients with stable angina. Cardiovascular Diabetology, 2019, 18, 144.	2.7	33
23	Effects of cerium oxide nanoparticles on hemostasis: Coagulation, platelets, and vascular endothelial cells. Journal of Biomedical Materials Research - Part A, 2019, 107, 1551-1562.	2.1	28
24	Time-course of circulating cardiac and inflammatory biomarkers after Ventricular Assist Device implantation: Comparison between paediatric and adult patients. Clinica Chimica Acta, 2018, 486, 88-93.	0.5	8
25	Effects of obesity on IL-33/ST2 system in heart, adipose tissue and liver: study in the experimental model of Zucker rats. Experimental and Molecular Pathology, 2017, 102, 354-359.	0.9	13
26	Osteopontin in hepatocellular carcinoma: A possible biomarker for diagnosis and follow-up. Cytokine, 2017, 99, 59-65.	1.4	45
27	Multicentre multi-device hybrid imaging study of coronary artery disease: results from the EValuation of INtegrated Cardiac Imaging for the Detection and Characterization of Ischaemic Heart Disease (EVINCI) hybrid imaging population. European Heart Journal Cardiovascular Imaging, 2016, 17, 951-960.	0.5	95
28	Plasma cardiac troponin I concentrations in healthy neonates, children and adolescents measured with a high sensitive immunoassay method. Clinica Chimica Acta, 2016, 458, 68-71.	0.5	58
29	C-type natriuretic peptide is closely associated to obesity in Caucasian adolescents. Clinica Chimica Acta, 2016, 460, 172-177.	0.5	19
30	Distribution of circulating cardiac biomarkers in healthy children: from birth through adulthood. Biomarkers in Medicine, 2016, 10, 357-365.	0.6	18
31	Effect of Coronary Atherosclerosis and Myocardial Ischemia on Plasma Levels of High-Sensitivity Troponin T and NT-proBNP in Patients With Stable Angina. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 757-764.	1.1	42
32	A modular informatics platform for effective support of collaborative and multicenter studies in cardiology. Health Informatics Journal, 2016, 22, 1083-1100.	1.1	1
33	Mid-regional-pro-adrenomedullin plasma levels are increased in obese adolescents. European Journal of Nutrition, 2016, 55, 1255-1260.	1.8	17
34	Myocardial Expression Analysis of Osteopontin and Its Splice Variants in Patients Affected by End-Stage Idiopathic or Ischemic Dilated Cardiomyopathy. PLoS ONE, 2016, 11, e0160110.	1.1	13
35	Myocardial interleukin-6 in the setting of left ventricular mechanical assistance: relation with outcome and C-reactive protein. Clinical Chemistry and Laboratory Medicine, 2015, 53, 1359-66.	1.4	3
36	Adenosine Receptor Transcriptomic Profile in Cardiac Tissue of a Zucker Rat Model. DNA and Cell Biology, 2015, 34, 333-341.	0.9	2

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37	A New Integrated Clinical-Biohumoral Model to PredictÂFunctionally Significant Coronary Artery Disease inÂPatients With Chronic Chest Pain. Canadian Journal of Cardiology, 2015, 31, 709-716.	0.8	19
38	Limitations of Chest Pain Categorization Models to Predict Coronary Artery Disease. American Journal of Cardiology, 2015, 116, 504-507.	0.7	12
39	Dipyridamole-induced C-type natriuretic peptide mRNA overexpression in a minipig model of pacing-induced left ventricular dysfunction. Peptides, 2015, 64, 67-73.	1.2	1
40	Transcriptional Alterations of ET-1 Axis and DNA Damage in Lung Tissue of a Rat Obesity Model. DNA and Cell Biology, 2015, 34, 170-177.	0.9	5
41	Detection of Significant Coronary Artery Disease by Noninvasive Anatomical and Functional Imaging. Circulation: Cardiovascular Imaging, 2015, 8, .	1.3	286
42	HDL cholesterol, leptin and interleukin-6 predict high risk coronary anatomy assessed by CT angiography in patients with stable chest pain. Atherosclerosis, 2015, 241, 55-61.	0.4	37
43	Caspase-1 transcripts in failing human heart after mechanical unloading. Cardiovascular Pathology, 2015, 24, 11-18.	0.7	10
44	Physical activity support or weight loss counseling for nonalcoholic fatty liver disease?. World Journal of Gastroenterology, 2014, 20, 10128.	1.4	27
45	Uncovering the cathepsin system in heart failure patients submitted to Left Ventricular Assist Device (LVAD) implantation. Journal of Translational Medicine, 2014, 12, 350.	1.8	10
46	Adrenomedullin and intermedin gene transcription is increased in leukocytes of patients with chronic heart failure at different stages of the disease. Peptides, 2014, 55, 13-16.	1.2	8
47	Adenosine receptor expression in an experimental animal model of myocardial infarction with preserved left ventricular ejection fraction. Heart and Vessels, 2014, 29, 513-519.	0.5	11
48	Back to the heart: The protective role of adiponectin. Pharmacological Research, 2014, 82, 9-20.	3.1	55
49	Reappraisal of Quantitative Gel Zymography for Matrix Metalloproteinases. Journal of Clinical Laboratory Analysis, 2014, 28, 374-380.	0.9	8
50	Effectiveness And Costs Of Different Strategies For The Diagnosis Of Stable Coronary Artery Disease Results From The Evinci Study. Value in Health, 2014, 17, A474.	0.1	2
51	Role of adiponectin system in insulin resistance. Molecular Genetics and Metabolism, 2014, 113, 155-160.	0.5	82
52	Cardiac molecular markers of programmed cell death are activated in end-stage heart failure patients supported by left ventricular assist device. Cardiovascular Pathology, 2014, 23, 272-282.	0.7	11
53	Endothelin system mRNA variation in the heart of Zucker rats: Evaluation of a possible balance with natriuretic peptides. Nutrition, Metabolism and Cardiovascular Diseases, 2014, 24, 1166-1173.	1.1	6
54	High concentration of C-type natriuretic peptide promotes VEGF-dependent vasculogenesis in the remodeled region of infarcted swine heart with preserved left ventricular ejection fraction. International Journal of Cardiology, 2013, 168, 2426-2434.	0.8	30

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55	A psychological support program for individuals with Type 1 diabetes. Acta Diabetologica, 2013, 50, 209-216.	1.2	18
56	Insulin resistance is a major determinant of myocardial blood flow impairment in anginal patients. European Journal of Nuclear Medicine and Molecular Imaging, 2013, 40, 1905-1913.	3.3	10
57	Relation between adiponectin and brain natriuretic peptide in healthy pediatric subjects: From birth through childhood. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, 657-661.	1.1	5
58	C-type natriuretic peptide transcriptomic profiling increases in human leukocytes of patients with chronic heart failure as a function of clinical severity. Peptides, 2013, 47, 110-114.	1.2	5
59	C-type natriuretic peptide plasma levels are reduced in obese adolescents. Peptides, 2013, 50, 50-54.	1.2	14
60	Impact of normalization strategy on cardiac expression of pro-inflammatory cytokines: Evaluation of reference genes in different human myocardial regions after Left Ventricular Assist Device support. Cytokine, 2013, 63, 113-122.	1.4	18
61	Apoptotic transcriptional profile remains activated in late remodeled left ventricle after myocardial infarction in swine infarcted hearts with preserved ejection fraction. Pharmacological Research, 2013, 70, 41-49.	3.1	6
62	High peripheral levels of h-FABP are associated with poor prognosis in end-stage heart failure patients with mechanical circulatory support. Biomarkers in Medicine, 2013, 7, 481-492.	0.6	7
63	IL-33/ST2 Pathway and Classical Cytokines in End-Stage Heart Failure Patients Submitted to Left Ventricular Assist Device Support: A Paradoxic Role for Inflammatory Mediators?. Mediators of Inflammation, 2013, 2013, 1-9.	1.4	26
64	Impact of Obesity on the Expression Profile of Natriuretic Peptide System in a Rat Experimental Model. PLoS ONE, 2013, 8, e72959.	1.1	30
65	Adenosine Receptor Expression and Gene Reference Evaluation in Human Leukocytes. Clinical Laboratory, 2013, 59, 571-7.	0.2	5
66	Tissue-specific selection of stable reference genes for real-time PCR normalization in an obese rat model. Journal of Molecular Endocrinology, 2012, 48, 251-260.	1.1	46
67	Adiponectin plasma levels decrease after surgery in pediatric patients with congenital heart disease. Clinical Biochemistry, 2012, 45, 1510-1512.	0.8	4
68	Plasma C-type natriuretic peptide levels in healthy children. Peptides, 2012, 33, 83-86.	1.2	16
69	Regional evidence of modulation of cardiac adiponectin level in dilated cardiomyopathy: pilot study in a porcine animal model. Cardiovascular Diabetology, 2012, 11, 143.	2.7	10
70	The natriuretic peptide time-course in end-stage heart failure patients supported by left ventricular assist device implant: Focus on NT-proCNP. Peptides, 2012, 36, 192-198.	1.2	12
71	Gene expression of C-type natriuretic peptide and of its specific receptor NPR-B in human leukocytes of healthy and heart failure subjects. Peptides, 2012, 37, 240-246.	1.2	11
72	Exploring PTX3 expression in Sus scrofa cardiac tissue using RNA sequencing. Regulatory Peptides, 2012, 174, 1-5.	1.9	3

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73	Severity of regional myocardial dysfunction is not affected by cardiomyocyte apoptosis in non-ischemic heart failure. Pharmacological Research, 2011, 63, 207-215.	3.1	11
74	Expression of C-type natriuretic peptide and its receptor NPR-B in cardiomyocytes. Peptides, 2011, 32, 1713-1718.	1.2	68
75	Relationship Between Myocardial Redox State and Matrix Metalloproteinase Activity in Patients on Left Ventricular Assist Device Support. Circulation Journal, 2011, 75, 2387-2396.	0.7	10
76	Adiponectin is associated with abnormal lipid profile and coronary microvascular dysfunction in patients with dilated cardiomyopathy without overt heart failure. Metabolism: Clinical and Experimental, 2011, 60, 227-233.	1.5	29
77	Comparison of NT-proCNP and CNP plasma levels in heart failure, diabetes and cirrhosis patients. Regulatory Peptides, 2011, 166, 15-20.	1.9	33
78	Selection of reference genes for normalization of real-time PCR data in minipig heart failure model and evaluation of TNF-Î± mRNA expression. Journal of Biotechnology, 2011, 153, 92-99.	1.9	50
79	A methodological reappraisal of total and high molecular weight adiponectin determination in human peripheral circulation: comparison of four immunometric assays. Clinical Chemistry and Laboratory Medicine, 2010, 48, 561-568.	1.4	13
80	Increased plasma levels of osteopontin are associated with activation of the reninâ€“aldosterone system and with myocardial and coronary microvascular damage in dilated cardiomyopathy. Cytokine, 2010, 49, 325-330.	1.4	12
81	Sequencing and cardiac expression of natriuretic peptide receptors A and C in normal and heart failure pigs. Regulatory Peptides, 2010, 162, 12-17.	1.9	12
82	Asymmetrical myocardial expression of natriuretic peptides in pacing-induced heart failure. Peptides, 2009, 30, 1710-1713.	1.2	26
83	Sequencing and cardiac expression of Apelin in Sus Scrofaâ˜†. Pharmacological Research, 2009, 60, 314-319.	3.1	4
84	A possible cardioprotective effect of heat shock proteins during cardiac surgery in pediatric patients. Pharmacological Research, 2003, 48, 519-529.	3.1	27
85	Inflammation in cardiac disease: focus on Interleukin-33/ST2 pathway. Inflammation and Cell Signaling, 0, , .	1.6	5