

# Vincenzo Grimaldi

## List of Publications by Year in descending order

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Version: 2024-02-01

49  
papers

1,228  
citations

331670

21  
h-index

377865

34  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1680  
citing authors

#	ARTICLE	IF	CITATIONS
1	High glucose downregulates endothelial progenitor cell number via SIRT1. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2008, 1784, 936-945.	2.3	103
2	Epigenetic-related therapeutic challenges in cardiovascular disease. <i>Trends in Pharmacological Sciences</i> , 2015, 36, 226-235.	8.7	95
3	Epigenetic control of autoimmune diseases: From bench to bedside. <i>Clinical Immunology</i> , 2015, 157, 1-15.	3.2	77
4	Epigenetic Reprogramming in Atherosclerosis. <i>Current Atherosclerosis Reports</i> , 2015, 17, 476.	4.8	67
5	Evidence of epigenetic tags in cardiac fibrosis. <i>Journal of Cardiology</i> , 2017, 69, 401-408.	1.9	59
6	Heart failure: Pilot transcriptomic analysis of cardiac tissue by RNA-sequencing. <i>Cardiology Journal</i> , 2017, 24, 539-553.	1.2	54
7	Novel epigenetic-based therapies useful in cardiovascular medicine. <i>World Journal of Cardiology</i> , 2016, 8, 211.	1.5	43
8	Identification of valid reference housekeeping genes for gene expression analysis in tumor neovascularization studies. <i>Clinical and Translational Oncology</i> , 2013, 15, 211-218.	2.4	39
9	Antioxidants increase number of progenitor endothelial cells through multiple gene expression pathways. <i>Free Radical Research</i> , 2008, 42, 754-762.	3.3	38
10	Innate and adaptive immune response in stroke: Focus on epigenetic regulation. <i>Journal of Neuroimmunology</i> , 2015, 289, 111-120.	2.3	38
11	Functional impairment of hematopoietic progenitor cells in patients with coronary heart disease. <i>European Journal of Haematology</i> , 2008, 80, 258-264.	2.2	37
12	Sodium/glucose cotransporter 2 (SGLT2) inhibitors improve cardiac function by reducing JunD expression in human diabetic hearts. <i>Metabolism: Clinical and Experimental</i> , 2022, 127, 154936.	3.4	37
13	Comparison Between Total Endothelial Progenitor Cell Isolation Versus Enriched Cd133+ Culture. <i>Journal of Biochemistry</i> , 2007, 141, 503-511.	1.7	36
14	Comprehensive assessment of sensitizing events and anti-HLA antibody development in women awaiting kidney transplantation. <i>Transplant Immunology</i> , 2016, 36, 14-19.	1.2	30
15	Effect of red wine antioxidants and minor polyphenolic constituents on endothelial progenitor cells after physical training in mice. <i>International Journal of Cardiology</i> , 2008, 126, 295-297.	1.7	29
16	Detrimental effects of <i>Bartonella henselae</i> are counteracted by L-arginine and nitric oxide in human endothelial progenitor cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 9427-9432.	7.1	29
17	Different expression of CD146 in human normal and osteosarcoma cell lines. <i>Medical Oncology</i> , 2012, 29, 2998-3002.	2.5	28
18	The epigenetic promise to improve prognosis of heart failure and heart transplantation. <i>Transplantation Reviews</i> , 2017, 31, 249-256.	2.9	28

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19	Integrated analysis of DNA methylation profile of HLA-G gene and imaging in coronary heart disease: Pilot study. <i>PLoS ONE</i> , 2020, 15, e0236951.	2.5	26
20	Effect of l-arginine on circulating endothelial progenitor cells and VEGF after moderate physical training in mice. <i>International Journal of Cardiology</i> , 2008, 126, 421-423.	1.7	23
21	The human aortic endothelium undergoes dose-dependent DNA methylation in response to transient hyperglycemia. <i>Experimental Cell Research</i> , 2021, 400, 112485.	2.6	23
22	Soft drinks and sweeteners intake: Possible contribution to the development of metabolic syndrome and cardiovascular diseases. Beneficial or detrimental action of alternative sweeteners?. <i>Food Research International</i> , 2021, 142, 110220.	6.2	23
23	Severe Type 2 Diabetes Induces Reversible Modifications of Endothelial Progenitor Cells Which are Ameliorate by Glycemic Control. <i>International Journal of Stem Cells</i> , 2016, 9, 137-144.	1.8	21
24	Radiogenomics and Artificial Intelligence Approaches Applied to Cardiac Computed Tomography Angiography and Cardiac Magnetic Resonance for Precision Medicine in Coronary Heart Disease: A Systematic Review. <i>Circulation: Cardiovascular Imaging</i> , 2021, 14, 1133-1146.	2.6	21
25	Potential benefits of cell therapy in coronary heart disease. <i>Journal of Cardiology</i> , 2013, 62, 267-276.	1.9	18
26	From HLA typing to anti-HLA antibody detection and beyond: The road ahead. <i>Transplantation Reviews</i> , 2016, 30, 187-194.	2.9	18
27	Imaging techniques to evaluate cell therapy in peripheral artery disease: state of the art and clinical trials. <i>Clinical Physiology and Functional Imaging</i> , 2016, 36, 165-178.	1.2	18
28	Non-nutritional sweeteners effects on endothelial vascular function. <i>Toxicology in Vitro</i> , 2020, 62, 104694.	2.4	18
29	Repeated immune and non immune insults to the graft after heart transplantation. <i>Immunology Letters</i> , 2011, 141, 18-27.	2.5	16
30	Distinct alternative splicing patterns of mediator subunit genes during endothelial progenitor cell differentiation. <i>Biochimie</i> , 2012, 94, 1828-1832.	2.6	15
31	Current Concepts in Histocompatibility During Heart Transplant. <i>Experimental and Clinical Transplantation</i> , 2012, 10, 209-218.	0.5	14
32	Human Leukocyte Antigens and Alloimmunization in Heart Transplantation: An Open Debate. <i>Journal of Cardiovascular Translational Research</i> , 2014, 7, 664-675.	2.4	12
33	Lights and shadows of anti-HLA antibodies detected by solid-phase assay. <i>Immunology Letters</i> , 2014, 162, 181-187.	2.5	12
34	RNA-Seq for the identification of novel Mediator transcripts in endothelial progenitor cells. <i>Gene</i> , 2014, 547, 98-105.	2.2	10
35	Genetic and epigenetic-sensitive regulatory network in immune response: a putative link between HLA-G and diabetes. <i>Expert Review of Endocrinology and Metabolism</i> , 2019, 14, 233-241.	2.4	10
36	HLA-G and anti-HCV in patients on the waiting list for kidney transplantation. <i>Advances in Medical Sciences</i> , 2018, 63, 317-322.	2.1	9

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37	<i>ABCA1, TCF7, NFATC1, PRKCZ</i> and <i>PDGFA</i> DNA methylation as potential epigenetic-sensitive targets in acute coronary syndrome via network analysis. <i>Epigenetics</i> , 2022, 17, 547-563.	2.7	9
38	Adult Stem Cells and the Clinical Arena: Are we Able to Widely Use this Therapy in Patients with Chronic Limbs Arteriopathy and Ischemic Ulcers without Possibility of Revascularization?. <i>Cardiovascular and Hematological Agents in Medicinal Chemistry</i> , 2012, 10, 99-108.	1.0	8
39	Evaluation of circulating leucocyte populations both in subjects with previous SARS-COV-2 infection and in healthy subjects after vaccination. <i>Journal of Immunological Methods</i> , 2022, 502, 113230.	1.4	6
40	Sweeteners modulate bioactivity of endothelial progenitor cells but not induce detrimental effects both on inflammation and behavioural changes. <i>International Journal of Food Sciences and Nutrition</i> , 2019, 70, 725-737.	2.8	5
41	Flow Cytometry Characterization of Pluripotent Transmembrane Glycoproteins on Resident Cervix Uteri Cells in Patients Screened for Cervical Cancer. <i>Cancer Investigation</i> , 2020, 38, 228-239.	1.3	5
42	DNA Methylation Profile of the <i>SREBF2</i> Gene in Human Fetal Aortas. <i>Journal of Vascular Research</i> , 2022, 59, 61-68.	1.4	5
43	Association between human leukocyte antigen class I and II alleles and hepatitis C virus infection in high-risk hemodialysis patients awaiting kidney transplantation. <i>Human Immunology</i> , 2013, 74, 1629-1632.	2.4	4
44	Potential clinical benefits of cell therapy in coronary heart disease: an update. <i>Journal of Thoracic Disease</i> , 2018, 10, S2412-S2422.	1.4	4
45	The Novel Role of Epigenetics in Primary Prevention of Cardiovascular Diseases. <i>Neurology International</i> , 2012, 2, e12.	0.5	3
46	Intravenous human immunoglobulin treatment of serum from HLA-sensitized patients in kidney transplantation. <i>Renal Failure</i> , 2014, 36, 585-588.	2.1	3
47	HLA match in operational tolerance after pediatric living-donor liver transplantation. <i>Transplant International</i> , 2012, 25, e106-e107.	1.6	1
48	Comment about the article by Bisson-Vaivre et al.: "The role of HLA and KIR in anti-TNF therapy". <i>Joint Bone Spine</i> , 2013, 80, 118.	1.6	1
49	Flow Cytometry Analysis and Crossmatch Detection Techniques in Transplantation. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2012, 12, 34-39.	0.5	0