Claudio Napoli

List of Publications by Year
in descending order

386	19,809	11651 70	17592 121
papers	citations	h-index	g-index

394	394	394	19893
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nitric Oxide as a Signaling Molecule in the Vascular System: An Overview. Journal of Cardiovascular Pharmacology, 1999, 34, 879-886.	1.9	692
2	Adenovirus Serotype 5 Hexon Mediates Liver Gene Transfer. Cell, 2008, 132, 397-409.	28.9	573
3	Influence of maternal hypercholesterolaemia during pregnancy on progression of early atherosclerotic lesions in childhood: Fate of Early Lesions in Children (FELIC) study. Lancet, The, 1999, 354, 1234-1241.	13.7	564
4	Akt induces enhanced myocardial contractility and cell size in vivo in transgenic mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12333-12338.	7.1	455
5	Nitric Oxide Donors and Cardiovascular Agents Modulating the Bioactivity of Nitric Oxide. Circulation Research, 2002, 90, 21-28.	4.5	436
6	Nitric oxide and atherosclerosis: An update. Nitric Oxide - Biology and Chemistry, 2006, 15, 265-279.	2.7	391
7	Deletion of the p66 ^{Shc} longevity gene reduces systemic and tissue oxidative stress, vascular cell apoptosis, and early atherogenesis in mice fed a high-fat diet. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 2112-2116.	7.1	362
8	Nutrition, physical activity, and cardiovascular disease: An update. Cardiovascular Research, 2007, 73, 326-340.	3.8	337
9	Nitric Oxide and Atherosclerosis. Nitric Oxide - Biology and Chemistry, 2001, 5, 88-97.	2.7	331
10	Increased Oxidative Stress in Experimental Renovascular Hypertension. Hypertension, 2001, 37, 541-546.	2.7	247
11	The fetal origins of atherosclerosis: maternal hypercholesterolemia, and cholesterolâ€lowering or antioxidant treatment during pregnancy influence in utero programming and postnatal susceptibility to atherogenesis. FASEB Journal, 2002, 16, 1348-1360.	0.5	237
12	Distinct Renal Injury in Early Atherosclerosis and Renovascular Disease. Circulation, 2002, 106, 1165-1171.	1.6	235
13	Nitric oxide and pathogenic mechanisms involved in the development of vascular diseases. Archives of Pharmacal Research, 2009, 32, 1103-1108.	6.3	233
14	Simvastatin Preserves the Structure of Coronary Adventitial Vasa Vasorum in Experimental Hypercholesterolemia Independent of Lipid Lowering. Circulation, 2002, 105, 415-418.	1.6	224
15	Quality of Life Determinants and Hearing Function in an Elderly Population: Osservatorio Geriatrico Campano Study Group. Gerontology, 1999, 45, 323-328.	2.8	223
16	Effects of Nitric Oxide on Cell Proliferation. Journal of the American College of Cardiology, 2013, 62, 89-95.	2.8	219
17	Multiple role of reactive oxygen species in the arterial wall. Journal of Cellular Biochemistry, 2001, 82, 674-682.	2.6	216
18	Endothelial Progenitor Cells Restore Renal Function in Chronic Experimental Renovascular Disease. Circulation, 2009, 119, 547-557.	1.6	209

#	Article	IF	Citations
19	Nitric Oxideâ€“Releasing Drugs. Annual Review of Pharmacology and Toxicology, 2003, 43, 97-123.	9.4	193
20	Angina-Induced Protection Against Myocardial Infarction in Adult and Elderly Patients: A Loss of Preconditioning Mechanism in the Aging Heart?. Journal of the American College of Cardiology, 1997, 30, 947-954.	2.8	191
21	Mildly oxidized low density lipoprotein activates multiple apoptotic signaling pathways in human coronary cells. FASEB Journal, 2000, 14, 1996-2007.	0.5	191
22	The role of oxidative stress in adult critical care. Free Radical Biology and Medicine, 2006, 40, 398-406.	2.9	186
23	Spontaneous plaque rupture and secondary thrombosis in apolipoprotein E-deficient and LDL receptor-deficient mice. Journal of Pathology, 2001, 195, 257-263.	4.5	155
24	Platelet Derivatives in Regenerative Medicine: An Update. Transfusion Medicine Reviews, 2015, 29, 52-61.	2.0	155
25	Animal models of hypertension: An overview. Translational Research, 2005, 146, 160-173.	2.3	147
26	Maternal Hypercholesterolemia During Pregnancy Promotes Early Atherogenesis in LDL Receptor-Deficient Mice and Alters Aortic Gene Expression Determined by Microarray. Circulation, 2002, 105, 1360-1367.	1.6	145
27	Mechanisms of Renal Structural Alterations in Combined Hypercholesterolemia and Renal Artery Stenosis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 1295-1301.	2.4	145
28	Intracranial Arteries of Human Fetuses Are More Resistant to Hypercholesterolemia-Induced Fatty Streak Formation Than Extracranial Arteries. Circulation, 1999, 99, 2003-2010.	1.6	139
29	Maternal Hypercholesterolemia and Treatment During Pregnancy Influence the Long-Term Progression of Atherosclerosis in Offspring of Rabbits. Circulation Research, 2001, 89, 991-996.	4.5	139
30	Pomegranate juice protects nitric oxide against oxidative destruction and enhances the biological actions of nitric oxide. Nitric Oxide - Biology and Chemistry, 2006, 15, 93-102.	2.7	137
31	Maternal Hypercholesterolemia During Pregnancy Promotes Early Atherogenesis in LDL Receptor-Deficient Mice and Alters Aortic Gene Expression Determined by Microarray. Circulation, 2002, 105, 1360-1367.	1.6	133
32	Maternal Hypercholesterolemia Enhances Atherogenesis in Normocholesterolemic Rabbits, Which Is Inhibited by Antioxidant or Lipid-Lowering Intervention During Pregnancy. Circulation Research, 2000, 87, 946-952.	4.5	128
33	Molecular networks in Network Medicine: Development and applications. Wiley Interdisciplinary Reviews: Systems Biology and Medicine, 2020, 12, e1489.	6.6	128
34	Beneficial effects of pomegranate juice on oxidation-sensitive genes and endothelial nitric oxide synthase activity at sites of perturbed shear stress. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 4896-4901.	7.1	126
35	The Beneficial Effects of Antioxidant Supplementation in Enteral Feeding in Critically Ill Patients: A Prospective, Randomized, Double-Blind, Placebo-Controlled Trial. Anesthesia and Analgesia, 2004, 99, 857-863.	2.2	122
36	Antioxidant Intervention Attenuates Myocardial Neovascularization in Hypercholesterolemia. Circulation, 2004, 109, 2109-2115.	1.6	121

#	Article	IF	Citations
37	Mechanisms by which exercise training benefits patients with heart failure. Nature Reviews Cardiology, 2009, 6, 292-300.	13.7	121
38	The influence of pomegranate fruit extract in comparison to regular pomegranate juice and seed oil on nitric oxide and arterial function in obese Zucker rats. Nitric Oxide - Biology and Chemistry, 2007, 17, 50-54.	2.7	119
39	Simvastatin promotes angiogenesis and prevents microvascular remodeling in chronic renal ischemia. FASEB Journal, 2006, 20, 1706-1708.	0.5	116
40	Antioxidant Intervention Blunts Renal Injury in Experimental Renovascular Disease. Journal of the American Society of Nephrology: JASN, 2004, 15, 958-966.	6.1	114
41	Angiogenesis in Atherogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1948-1957.	2.4	114
42	Immunomodulatory Effect of Adipose-Derived Stem Cells: The Cutting Edge of Clinical Application. Frontiers in Cell and Developmental Biology, 2020, 8, 236.	3.7	113
43	Mediator complexes and eukaryotic transcription regulation: An overview. Biochimie, 2007, 89, 1439-1446.	2.6	107
44	Long-term combined beneficial effects of physical training and metabolic treatment on atherosclerosis in hypercholesterolemic mice. Proceedings of the National Academy of Sciences of the United States of America, 2004, 101, 8797-8802.	7.1	106
45	Primary Prevention of Atherosclerosis. Circulation, 2012, 125, 2363-2373.	1.6	105
46	CXCR4/YY1 inhibition impairs VEGF network and angiogenesis during malignancy. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14484-14489.	7.1	104
47	High glucose downregulates endothelial progenitor cell number via SIRT1. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2008, 1784, 936-945.	2.3	103
48	Beneficial effects of antioxidants and L-arginine on oxidation-sensitive gene expression and endothelial NO synthase activity at sites of disturbed shear stress. Proceedings of the National Academy of Sciences of the United States of America, 2003, 100, 1420-1425.	7.1	98
49	Oxidation-sensitive mechanisms, vascular apoptosis and atherosclerosis. Trends in Molecular Medicine, 2003, 9, 351-359.	6.7	96
50	Epigenetic-related therapeutic challenges in cardiovascular disease. Trends in Pharmacological Sciences, 2015, 36, 226-235.	8.7	95
51	Exercise training restores ischemic preconditioning in the aging heart. Journal of the American College of Cardiology, 2000, 36, 643-650.	2.8	94
52	Age-Related Decrease in Cardiac Tolerance to Oxidative Stress. Journal of Molecular and Cellular Cardiology, 1999, 31, 227-236.	1.9	93
53	High level of physical activity preserves the cardioprotective effect of preinfarction angina in elderly patients. Journal of the American College of Cardiology, 2001, 38, 1357-1365.	2.8	93
54	Inflammationâ€“coagulation network: are serine protease receptors the knot?. Trends in Pharmacological Sciences, 2000, 21, 170-172.	8.7	90

#	Article	IF	Citations
55	Oxidation of LDL, Atherogenesis, and Apoptosis. Annals of the New York Academy of Sciences, 2003, 1010, 698-709.	3.8	90
56	Rethinking Primary Prevention of Atherosclerosis-Related Diseases. Circulation, 2006, 114, 2517-2527.	1.6	88
57	Epigenetic-sensitive pathways in personalized therapy of major cardiovascular diseases. , 2020, 210, 107514.		87
58	Novel features of nitric oxide, endothelial nitric oxide synthase, and atherosclerosis. Current Atherosclerosis Reports, 2004, 6, 281-287.	4.8	83
59	The effect of angiotensin-converting enzyme inhibition on endothelial function and oxidant stress. European Journal of Pharmacology, 2003, 482, 95-99.	3.5	81
60	Cardioprotective effect of ischemic preconditioning is preserved in food-restricted senescent rats. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H1978-H1987.	3.2	79
61	Brain protection using autologous bone marrow cell, metalloproteinase inhibitors, and metabolic treatment in cerebral ischemia. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3597-3602.	7.1	79
62	Hypercholesterolemia impairs myocardial perfusion and permeability: role of oxidative stress and endogenous scavenging activity. Journal of the American College of Cardiology, 2001, 37, 608-615.	2.8	78
63	Effects of a Pomegranate Fruit Extract rich in punicalagin on oxidation-sensitive genes and eNOS activity at sites of perturbed shear stress and atherogenesis. Cardiovascular Research, 2007, 73, 414-423.	3.8	78
64	Unraveling Pleiotropic Effects of Statins on Plaque Rupture. Arteriosclerosis, Thrombosis, and Vascular Biology, 2002, 22, 1745-1750.	2.4	77
65	Efficacy and age-related effects of nitric oxide-releasing aspirin on experimental restenosis. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 1689-1694.	7.1	77
66	Deletion of Yin Yang 1 Protein in Osteosarcoma Cells on Cell Invasion and CXCR4/Angiogenesis and Metastasis. Cancer Research, 2008, 68, 1797-1808.	0.9	77
67	Epigenetic control of autoimmune diseases: From bench to bedside. Clinical Immunology, 2015, 157, 1-15.	3.2	77
68	Does poor glycaemic control affect the immunogenicity of the <scp>COVIDâ€19</scp> vaccination in patients with type <scp>2</scp> diabetes: The <scp>CAVEAT</scp> study. Diabetes, Obesity and Metabolism, 2022, 24, 160-165.	4.4	75
69	Maternal Immunization Programs Postnatal Immune Responses and Reduces Atherosclerosis in Offspring. Circulation Research, 2006, 99, e51-64.	4.5	74
70	TNFâ€î± signal transduction in rat neonatal cardiac myocytes: definition of pathways generating from the TNFâ€î± receptor. FASEB Journal, 2002, 16, 1732-1737.	0.5	73
71	Six-minute walking test but not ejection fraction predicts mortality in elderly patients undergoing cardiac rehabilitation following coronary artery bypass grafting. European Journal of Preventive Cardiology, 2012, 19, 1401-1409.	1.8	73
72	Hypercholesterolemia and Hypertension Have Synergistic Deleterious Effects on Coronary Endothelial Function. Arteriosclerosis, Thrombosis, and Vascular Biology, 2003, 23, 885-891.	2.4	71

#	Article	IF	Citations
73	Antioxidant Intervention Prevents Renal Neovascularization in Hypercholesterolemic Pigs. Journal of the American Society of Nephrology: JASN, 2004, 15, 1816-1825.	6.1	70
74	Role of oxidative stress in experimental sepsis and multisystem organ dysfunction. Free Radical Research, 2006, 40, 665-672.	3.3	70
75	Beneficial effects of concurrent autologous bone marrow cell therapy and metabolic intervention in ischemia-induced angiogenesis in the mouse hindlimb. Proceedings of the National Academy of Sciences of the United States of America, 2005, 102, 17202-17206.	7.1	69
76	Endothelial progenitor cells as therapeutic agents in the microcirculation: An update. Atherosclerosis, 2011, 215, 9-22.	0.8	69
77	Precision medicine in distinct heart failure phenotypes: Focus on clinical epigenetics. American Heart Journal, 2020, 224, 113-128.	2.7	69
78	Novel features of nitric oxide, endothelial nitric oxide synthase, and atherosclerosis. Current Diabetes Reports, 2005, 5, 17-23.	4.2	68
79	Involvement of Oxidation-Sensitive Mechanisms in the Cardiovascular Effects of Hypercholesterolemia. Mayo Clinic Proceedings, 2001, 76, 619-631.	3.0	67
80	Chronic treatment with nitric oxide-releasing aspirin reduces plasma low-density lipoprotein oxidation and oxidative stress, arterial oxidation-specific epitopes, and atherogenesis in hypercholesterolemic mice. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 12467-12470.	7.1	67
81	Involvement of Mediator complex in malignancy. Biochimica Et Biophysica Acta: Reviews on Cancer, 2014, 1845, 66-83.	7.4	67
82	Epigenetic Reprogramming in Atherosclerosis. Current Atherosclerosis Reports, 2015, 17, 476.	4.8	67
83	Chronic antioxidant supplementation attenuates nuclear factor-Î¹B activation and preserves endothelial function in hypercholesterolemic pigs. Cardiovascular Research, 2002, 53, 1010-1018.	3.8	66
84	Decreased low-density lipoprotein oxidation after repeated selective apheresis in homozygous familial hypercholesterolemia. American Heart Journal, 1997, 133, 585-595.	2.7	64
85	Oxidation-Sensitive Transcription Factors and Molecular Mechanisms in the Arterial Wall. Antioxidants and Redox Signaling, 2001, 3, 1119-1130.	5.4	64
86	Massive-Scale RNA-Seq Analysis of Non Ribosomal Transcriptome in Human Trisomy 21. PLoS ONE, 2011, 6, e18493.	2.5	62
87	1,4-Dihydropyridine Calcium Channel Blockers Inhibit Plasma and LDL Oxidation and Formation of Oxidation-Specific Epitopes in the Arterial Wall and Prolong Survival in Stroke-Prone Spontaneously Hypertensive Rats. Stroke, 1999, 30, 1907-1915.	2.0	61
88	Modulation by Î±- and Î³-tocopherol and oxidized low-density lipoprotein of apoptotic signaling in human coronary smooth muscle cellsâ€—. Biochemical Pharmacology, 2000, 59, 1477-1487.	4.4	61
89	Expression of transcription factor Yin Yang 1 in human osteosarcomas. European Journal of Cancer, 2006, 42, 2420-2424.	2.8	61
90	Simvastatin Prevents Coronary Microvascular Remodeling in Renovascular Hypertensive Pigs. Journal of the American Society of Nephrology: JASN, 2007, 18, 1209-1217.	6.1	61

#	Article	IF	Citations
91	Clinical relevance of epigenetics in the onset and management of type 2 diabetes mellitus. Epigenetics, 2017, 12, 401-415.	2.7	60
92	Epigenetic Inheritance Underlying Pulmonary Arterial Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 653-664.	2.4	60
93	Evidence of epigenetic tags in cardiac fibrosis. Journal of Cardiology, 2017, 69, 401-408.	1.9	59
94	Evidence for Oxidative Activation of c-Mycâ€"Dependent Nuclear Signaling in Human Coronary Smooth Muscle Cells and in Early Lesions of Watanabe Heritable Hyperlipidemic Rabbits. Circulation, 2000, 102, 2111-2117.	1.6	58
95	Epigenetic Hallmarks of Fetal Early Atherosclerotic Lesions in Humans. JAMA Cardiology, 2018, 3, 1184.	6.1	58
96	Prominent cardioprotective effects of third generation beta blocker nebivolol against anthracycline-induced cardiotoxicity using the model of isolated perfused rat heart. European Journal of Cancer, 2008, 44, 334-340.	2.8	57
97	Disparate effects of simvastatin on angiogenesis during hypoxia and inflammation. Life Sciences, 2008, 83, 801-809.	4.3	56
98	Understanding the immunoangiostatic CXC chemokine network. Cardiovascular Research, 2008, 78, 250-256.	3.8	54
99	Effects of ACE inhibition on circulating endothelial progenitor cells, vascular damage, and oxidative stress in hypertensive patients. European Journal of Clinical Pharmacology, 2011, 67, 877-883.	1.9	54
100	Heart failure: Pilot transcriptomic analysis of cardiac tissue by RNA-sequencing. Cardiology Journal, 2017, 24, 539-553.	1.2	54
101	Oxidative structural modifications of low density lipoprotein in homozygous familial hypercholesterolemia. Atherosclerosis, 1995, 118, 259-273.	0.8	53
102	Pathophysiological Events during Pregnancy Influence the Development of Atherosclerosis in Humans. Trends in Cardiovascular Medicine, 1999, 9, 205-214.	4.9	53
103	Mutated p21/WAF/CIP transgene overexpression reduces smooth muscle cell proliferation, macrophage deposition, oxidationâ€sensitive mechanisms, and restenosis in hypercholesterolemic apolipoprotein E knockout mice. FASEB Journal, 2001, 15, 2162-2170.	0.5	53
104	CXCR4 Inhibitors: Tumor Vasculature and Therapeutic Challenges. Recent Patents on Anti-Cancer Drug Discovery, 2012, 7, 251-264.	1.6	53
105	Combination of Hypercholesterolemia and Hypertension Augments Renal Function Abnormalities. Hypertension, 2001, 37, 774-780.	2.7	52
106	Oxidative stressâ€related increase in ubiquitination in early coronary atherogenesis. FASEB Journal, 2003, 17, 1730-1732.	0.5	52
107	Differential epigenetic factors in the prediction of cardiovascular risk in diabetic patients. European Heart Journal - Cardiovascular Pharmacotherapy, 2020, 6, 239-247.	3.0	52
108	Physical training and metabolic supplementation reduce spontaneous atherosclerotic plaque rupture and prolong survival in hypercholesterolemic mice. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10479-10484.	7.1	50

#	Article	IF	Citations
109	Epigenetics and pulmonary diseases in the horizon of precision medicine: a review. European Respiratory Journal, 2021, 57, 2003406.	6.7	50
110	Lipid-lowering-independent effects of simvastatin on the kidney in experimental hypercholesterolaemia. Nephrology Dialysis Transplantation, 2003, 18, 703-709.	0.7	49
111	p66ShcDeletion Confers Vascular Protection in Advanced Atherosclerosis in Hypercholesterolemic Apolipoprotein E Knockout Mice. Endothelium: Journal of Endothelial Cell Research, 2008, 15, 276-287.	1.7	49
112	Maternal-foetal epigenetic interactions in the beginning of cardiovascular damage. Cardiovascular Research, 2011, 92, 367-374.	3.8	49
113	Effect of Low Doses of Red Wine and Pure Resveratrol on Circulating Endothelial Progenitor Cells. Journal of Biochemistry, 2008, 143, 179-186.	1.7	48
114	Ischemic threshold and myocardial stunning in the aging heart. Experimental Gerontology, 1999, 34, 875-884.	2.8	47
115	Long-term treatment with sulfhydryl angiotensin-converting enzyme inhibition reduces carotid intima-media thickening and improves the nitric oxide/oxidative stress pathways in newly diagnosed patients with mild to moderate primary hypertension. American Heart Journal, 2008, 156, 1154.e1-1154.e8.	2.7	47
116	Renal Vascular Function in Hypercholesterolemia Is Preserved by Chronic Antioxidant Supplementation. Journal of the American Society of Nephrology: JASN, 2001, 12, 1882-1891.	6.1	47
117	Neurodegenerative diseases: insights into pathogenic mechanisms from atherosclerosis. Neurobiology of Aging, 2005, 26, 293-302.	3.1	46
118	Unraveling framework of the ancestral Mediator complex in human diseases. Biochimie, 2012, 94, 579-587.	2.6	46
119	The roles of Mediator complex in cardiovascular diseases. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2014, 1839, 444-451.	1.9	46
120	Involvement of Oxidation-Sensitive Mechanisms in the Cardiovascular Effects of Hypercholesterolemia. Mayo Clinic Proceedings, 2001, 76, 619-631.	3.0	45
121	Endothelin-1 receptor blockade prevents renal injury in experimental hypercholesterolemia. Kidney International, 2003, 64, 962-969.	5.2	45
122	Pomegranate juice reduces oxidized low-density lipoprotein downregulation of endothelial nitric oxide synthase in human coronary endothelial cells. Nitric Oxide - Biology and Chemistry, 2006, 15, 259-263.	2.7	45
123	Effects of intracellular acidosis on endothelial function: An overview. Journal of Critical Care, 2012, 27, 108-118.	2.2	45
124	Immune reactivity during COVID-19: Implications for treatment. Immunology Letters, 2021, 231, 28-34.	2.5	45
125	Evidence of Key Role of Cdk2 Overexpression in Pemphigus Vulgaris. Journal of Biological Chemistry, 2008, 283, 8736-8745.	3.4	44
126	Influence of Maternal Dysmetabolic Conditions During Pregnancy on Cardiovascular Disease. Journal of Cardiovascular Translational Research, 2009, 2, 277-285.	2.4	44

#	Article	IF	Citations
127	Fluid-based assays and precision medicine of cardiovascular diseases: the â€˜hopeâ€™ for Pandoraâ€™s box?. Journal of Clinical Pathology, 2019, 72, 785-799.	2.0	44
128	Strengths and Opportunities of Network Medicine in Cardiovascular Diseases. Circulation Journal, 2020, 84, 144-152.	1.6	44
129	Targeting c-Myc, Ras and IGF Cascade to Treat Cancer and Vascular Disorders. Cell Cycle, 2006, 5, 1621-1628.	2.6	43
130	Therapeutic Effects of Autologous Bone Marrow Cells and Metabolic Intervention in the Ischemic Hindlimb of Spontaneously Hypertensive Rats Involve Reduced Cell Senescence and CXCR4/Akt/eNOS Pathways. Journal of Cardiovascular Pharmacology, 2007, 50, 424-433.	1.9	43
131	New insights into cardiovascular and lipid metabolomics. Journal of Cellular Biochemistry, 2008, 105, 648-654.	2.6	43
132	Kidney and heart interactions during cardiorenal syndrome: a molecular and clinical pathogenic framework. Future Cardiology, 2011, 7, 485-497.	1.2	43
133	Novel epigenetic-based therapies useful in cardiovascular medicine. World Journal of Cardiology, 2016, 8, 211.	1.5	43
134	Beneficial effects of ACE-inhibition with zofenopril on plaque formation and low-density lipoprotein oxidation in watanabe heritable hyperlipidemic rabbits. General Pharmacology, 1999, 33, 467-477.	0.7	42
135	Technical note. Applied Ergonomics, 2000, 31, 317-322.	3.1	42
136	YY1 overexpression is associated with poor prognosis and metastasis-free survival in patients suffering osteosarcoma. BMC Cancer, 2011, 11, 472.	2.6	42
137	Glycoxidized low-density lipoprotein downregulates endothelial nitricoxide synthase in human coronary cells. Journal of the American College of Cardiology, 2002, 40, 1515-1522.	2.8	41
138	Role of Oxidative Stress in Remodeling of the Myocardial Microcirculation in Hypertension. Arteriosclerosis, Thrombosis, and Vascular Biology, 2006, 26, 1746-1752.	2.4	41
139	Beneficial effects of autologous bone marrow cell infusion and antioxidants/L-arginine in patients with chronic critical limb ischemia. European Journal of Cardiovascular Prevention and Rehabilitation, 2008, 15, 709-718.	2.8	41
140	Lipid Accumulation in Hearts Transplanted From Nondiabetic Donors to Diabetic Recipients. Journal of the American College of Cardiology, 2020, 75, 1249-1262.	2.8	41
141	Effects of melatonin in isolated rat papillary muscle. FEBS Letters, 1997, 412, 79-85.	2.8	40
142	Lipoprotein modification and atherosclerosis in aging. Experimental Gerontology, 1999, 34, 527-537.	2.8	40
143	Epigenetics and type 1 diabetes: mechanisms and translational applications. Translational Research, 2017, 185, 85-93.	5.0	40
144	Chronic Antioxidant Supplementation Impairs Coronary Endothelial Function and Myocardial Perfusion in Normal Pigs. Hypertension, 2006, 47, 475-481.	2.7	39

#	Article	IF	Citations
145	Identification of valid reference housekeeping genes for gene expression analysis in tumor neovascularization studies. Clinical and Translational Oncology, 2013, 15, 211-218.	2.4	39
146	Glucose Metabolism in the Kidney: Neurohormonal Activation and Heart Failure Development. Journal of the American Heart Association, 2020, 9, e018889.	3.7	39
147	Morbidity patterns in aged population in southern Italy. A survey sampling. Archives of Gerontology and Geriatrics, 1998, 26, 201-213.	3.0	38
148	Antioxidants increase number of progenitor endothelial cells through multiple gene expression pathways. Free Radical Research, 2008, 42, 754-762.	3.3	38
149	Onset of Experimental Severe Cardiac Fibrosis Is Mediated by Overexpression of Angiotensin-Converting Enzyme 2. Hypertension, 2009, 53, 694-700.	2.7	38
150	Innate and adaptive immune response in stroke: Focus on epigenetic regulation. Journal of Neuroimmunology, 2015, 289, 111-120.	2.3	38
151	Inhibition of VCAM-1 expression in the arterial wall is shared by structurally different antioxidants that reduce early atherosclerosis in NZW rabbits. Journal of Lipid Research, 1999, 40, 1958-1966.	4.2	38
152	Mildly Oxidized Low-Density Lipoprotein Impairs Responses of Carotid but Not Basilar Artery in Rabbits. Stroke, 1997, 28, 2266-2272.	2.0	38
153	Beneficial effects of low doses of red wine consumption on perturbed shear stress-induced atherogenesis. Heart and Vessels, 2008, 23, 124-133.	1.2	37
154	Functional impairment of hematopoietic progenitor cells in patients with coronary heart disease. European Journal of Haematology, 2008, 80, 258-264.	2.2	37
155	Impaired Fetal Growth, Cardiovascular Disease, and the Need to Move on. Circulation, 2008, 117, 341-343.	1.6	37
156	Novel epigenetic-sensitive clinical challenges both in type 1 and type 2 diabetes. Journal of Diabetes and Its Complications, 2018, 32, 1076-1084.	2.3	37
157	Immunosenescence exacerbates the COVID-19. Archives of Gerontology and Geriatrics, 2020, 90, 104174.	3.0	37
158	Sodium/glucose cotransporter 2 (SGLT2) inhibitors improve cardiac function by reducing JunD expression in human diabetic hearts. Metabolism: Clinical and Experimental, 2022, 127, 154936.	3.4	37
159	Comparison Between Total Endothelial Progenitor Cell Isolation Versus Enriched Cd133+ Culture. Journal of Biochemistry, 2007, 141, 503-511.	1.7	36
160	Impairment of circulating endothelial progenitors in Down syndrome. BMC Medical Genomics, 2010, 3, 40.	1.5	36
161	Luminex and antibody detection in kidney transplantation. Clinical and Experimental Nephrology, 2012, 16, 373-381.	1.6	36
162	Cardiovascular involvement during COVID-19 and clinical implications in elderly patients. A review. Annals of Medicine and Surgery, 2020, 57, 236-243.	1.1	36

#	Article	IF	Citations
163	Epigenetic susceptibility to severe respiratory viral infections and its therapeutic implications: a narrative review. British Journal of Anaesthesia, 2020, 125, 1002-1017.	3.4	36
164	Clinical epigenetics settings for cancer and cardiovascular diseases: real-life applications of network medicine at the bedside. Clinical Epigenetics, 2021, 13, 66.	4.1	36
165	Novel challenges in exploring peptide ligands and corresponding tissue-specific endothelial receptors. European Journal of Cancer, 2007, 43, 1242-1250.	2.8	35
166	Bone marrow cell-mediated cardiovascular repair: potential of combined therapies. Trends in Molecular Medicine, 2007, 13, 278-286.	6.7	34
167	Therapeutic dose of nebivolol, a nitric oxide-releasing Î²-blocker, reduces atherosclerosis in cholesterol-fed rabbits. Nitric Oxide - Biology and Chemistry, 2008, 19, 57-63.	2.7	34
168	Cardiovascular risk factors and molecular routes underlying endothelial dysfunction: Novel opportunities for primary prevention. Biochemical Pharmacology, 2022, 202, 115108.	4.4	34
169	Calcium-channel blockers inhibit human low-density lipoprotein oxidation by oxygen radicals. Cardiovascular Drugs and Therapy, 1996, 10, 417-424.	2.6	33
170	A Simple and Rapid Purification Procedure Minimizes Spontaneous Oxidative Modifications of Low Density Lipoprotein and Lipoprotein (a). Journal of Biochemistry, 1997, 121, 1096-1101.	1.7	33
171	Therapeutic targeting of the stem cell niche in experimental hindlimb ischemia. Nature Clinical Practice Cardiovascular Medicine, 2008, 5, 571-579.	3.3	33
172	Can COVID 2019 induce a specific cardiovascular damage or it exacerbates pre-existing cardiovascular diseases?. Pathology Research and Practice, 2020, 216, 153086.	2.3	33
173	Pharmacological modulation, preclinical studies, and new clinical features of myocardial ischemic preconditioning. , 2000, 88, 311-331.		32
174	c-Myc Oncoprotein: Cell Cycle-Related Events and New Therapeutic Challenges in Cancer and Cardiovascular Diseases. Cell Cycle, 2003, 2, 324-327.	2.6	32
175	Genetic background, epigenetic factors and dietary interventions which influence human longevity. Biogerontology, 2019, 20, 605-626.	3.9	32
176	Hypertension exacerbates the effect of hypercholesterolemia on the myocardial microvasculature. Cardiovascular Research, 2003, 58, 213-221.	3.8	31
177	Protective effect of physical activity on mortality in older adults with advanced chronic heart failure: A prospective observational study. European Journal of Preventive Cardiology, 2019, 26, 481-488.	1.8	31
178	Evidence of association of circulating epigenetic-sensitive biomarkers with suspected coronary heart disease evaluated by Cardiac Computed Tomography. PLoS ONE, 2019, 14, e0210909.	2.5	31
179	Autologous Bone Marrow Cell Therapy and Metabolic Intervention in Ischemia-Induced Angiogenesis in the Diabetic Mouse Hindlimb. Cell Cycle, 2006, 5, 2903-2908.	2.6	30
180	Comprehensive assessment of sensitizing events and anti-HLA antibody development in women awaiting kidney transplantation. Transplant Immunology, 2016, 36, 14-19.	1.2	30

#	Article	IF	Citations
181	Possible Muscle Repair in the Human Cardiovascular System. Stem Cell Reviews and Reports, 2017, 13, 170-191.	5.6	30
182	The dating of thrombus organization in cases of pulmonary embolism: an autopsy study. BMC Cardiovascular Disorders, 2019, 19, 250.	1.7	30
183	Novel Insights Regarding Nitric Oxide and Cardiovascular Diseases. Angiology, 2021, 72, 411-425.	1.8	30
184	New insights in the transcriptional activity and coregulator molecules in the arterial wall. International Journal of Cardiology, 2002, 86, 153-168.	1.7	29
185	Effect of red wine antioxidants and minor polyphenolic constituents on endothelial progenitor cells after physical training in mice. International Journal of Cardiology, 2008, 126, 295-297.	1.7	29
186	Detrimental effects of Bartonella henselae are counteracted by <scp>l</scp> -arginine and nitric oxide in human endothelial progenitor cells. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 9427-9432.	7.1	29
187	Antioxidant vitamins induce angiogenesis in the normal pig kidney. American Journal of Physiology - Renal Physiology, 2007, 293, F371-F381.	2.7	28
188	Different expression of CD146 in human normal and osteosarcoma cell lines. Medical Oncology, 2012, 29, 2998-3002.	2.5	28
189	Osteosarcoma cells induce endothelial cell proliferation during neoâ€angiogenesis. Journal of Cellular Physiology, 2013, 228, 846-852.	4.1	28
190	The epigenetic promise to improve prognosis of heart failure and heart transplantation. Transplantation Reviews, 2017, 31, 249-256.	2.9	28
191	Network Medicine: A Clinical Approach for Precision Medicine and Personalized Therapy in Coronary Heart Disease. Journal of Atherosclerosis and Thrombosis, 2020, 27, 279-302.	2.0	28
192	Sacubitril/valsartan in patients listed for heart transplantation: effect on physical frailty. ESC Heart Failure, 2020, 7, 757-762.	3.1	28
193	Clinical efficiency of epigenetic drugs therapy in bone malignancies. Bone, 2021, 143, 115605.	2.9	28
194	Prevalence of Peripheral Arterial Disease in an Elderly Rural Population of Southern Italy. Gerontology, 1997, 43, 289-295.	2.8	27
195	c-Myc Oncoprotein: A Dual Pathogenic Role in Neoplasia and Cardiovascular Diseases?. Neoplasia, 2002, 4, 185-190.	5.3	27
196	Body mass index and preinfarction angina in elderly patients with acute myocardial infarction. American Journal of Clinical Nutrition, 2003, 78, 796-801.	4.7	27
197	Clinical Epigenetics of Neuroendocrine Tumors: The Road Ahead. Frontiers in Endocrinology, 2020, 11, 604341.	3.5	27
198	Hyperlipidaemia and atherosclerotic cerebrovascular disease. Current Opinion in Lipidology, 1995, 6, 236-242.	2.7	26

#	Article	IF	Citations
199	Effects of vitamin E and HMG-CoA reductase inhibition on cholesteryl ester transfer protein and lecithin-cholesterol acyltransferase in hypercholesterolemia. Coronary Artery Disease, 1998, 9, 257-264.	0.7	26
200	Protease-activated receptor-2 activation improves efficiency of experimental ischemic preconditioning. American Journal of Physiology - Heart and Circulatory Physiology, 2002, 282, H2004-H2010.	3.2	26
201	Interplay between genetics and epigenetics in modulating the risk of venous thromboembolism: A new challenge for personalized therapy. Thrombosis Research, 2019, 177, 145-153.	1.7	26
202	Integrated analysis of DNA methylation profile of HLA-G gene and imaging in coronary heart disease: Pilot study. PLoS ONE, 2020, 15, e0236951.	2.5	26
203	Effects of novel SGLT2 inhibitors on cancer incidence in hyperglycemic patients: a meta-analysis of randomized clinical trials. Pharmacological Research, 2022, 175, 106039.	7.1	26
204	The Role of Autologous Platelet Concentrates in Alveolar Socket Preservation: A Systematic Review. Transfusion Medicine and Hemotherapy, 2018, 45, 195-203.	1.6	25
205	Hybrid 18F-FDG-PET/MRI Measurement of Standardized Uptake Value Coupled with Yin Yang 1 Signature in Metastatic Breast Cancer. A Preliminary Study. Cancers, 2019, 11, 1444.	3.7	25
206	Correlation of Circulating miR-765, miR-93-5p, and miR-433-3p to Obstructive Coronary Heart Disease Evaluated by Cardiac Computed Tomography. American Journal of Cardiology, 2019, 124, 176-182.	1.6	25
207	Epigenetic Therapies for Heart Failure: Current Insights and Future Potential. Vascular Health and Risk Management, 2021, Volume 17, 247-254.	2.3	25
208	Redox-sensitive myocardial remodeling and dysfunction in swine diet-induced experimental hypercholesterolemia. Atherosclerosis, 2007, 193, 62-69.	0.8	24
209	Maternal C-reactive protein and developmental programming of atherosclerosis. American Journal of Obstetrics and Gynecology, 2008, 198, 281.e1-281.e5.	1.3	24
210	Risk of heart failure progression in patients with reduced ejection fraction: mechanisms and therapeutic options. Heart Failure Reviews, 2020, 25, 295-303.	3.9	24
211	Effect of l-arginine on circulating endothelial progenitor cells and VEGF after moderate physical training in mice. International Journal of Cardiology, 2008, 126, 421-423.	1.7	23
212	Novel Pathogenic Insights in the Primary Prevention of Cardiovascular Disease. Progress in Cardiovascular Diseases, 2009, 51, 503-523.	3.1	23
213	Directed in vivo angiogenesis assay and the study of systemic neoangiogenesis in cancer. International Journal of Cancer, 2011, 128, 1505-1508.	5.1	23
214	Maternal Immunization Affects In Utero Programming of Insulin Resistance and Type 2 Diabetes. PLoS ONE, 2012, 7, e45361.	2.5	23
215	A novel PALB2 truncating mutation in an Italian family with male breast cancer. Oncology Reports, 2015, 33, 1243-1247.	2.6	23
216	The human aortic endothelium undergoes dose-dependent DNA methylation in response to transient hyperglycemia. Experimental Cell Research, 2021, 400, 112485.	2.6	23

#	Article	IF	Citations
217	Soft drinks and sweeteners intake: Possible contribution to the development of metabolic syndrome and cardiovascular diseases. Beneficial or detrimental action of alternative sweeteners?. Food Research International, 2021, 142, 110220.	6.2	23
218	Proteomics and Cardiovascular Disease: An Update. Current Medicinal Chemistry, 2008, 15, 555-572.	2.4	22
219	Dual role of parathyroid hormone in endothelial progenitor cells and marrow stromal mesenchymal stem cells. Journal of Cellular Physiology, 2010, 222, 474-480.	4.1	22
220	Developmental Mechanisms Involved in the Primary Prevention of Atherosclerosis and Cardiovascular Disease. Current Atherosclerosis Reports, 2011, 13, 170-175.	4.8	22
221	Epigenetic-sensitive liquid biomarkers and personalised therapy in advanced heart failure: a focus on cell-free DNA and microRNAs. Journal of Clinical Pathology, 2020, 73, 535-543.	2.0	22
222	Clinical epigenetics and acute/chronic rejection in solid organ transplantation: An update. Transplantation Reviews, 2021, 35, 100609.	2.9	22
223	ncreased low-density lipoprotein peroxidation in elderly men. Coronary Artery Disease, 1997, 8, 129-136.	0.7	21
224	â€œWarmâ€Upâ€•Phenomenon Detected by Electrocardiographic Ambulatory Monitoring in Adult and Older Patients. Journal of the American Geriatrics Society, 1999, 47, 1114-1117.	2.6	21
225	Nitric Oxide and Other Novel Therapies for Pulmonary Hypertension. Journal of Cardiovascular Pharmacology and Therapeutics, 2004, 9, 1-8.	2.0	21
226	Polymorphisms in endothelial nitric oxide synthase and carotid artery atherosclerosis. Journal of Clinical Pathology, 2006, 60, 341-344.	2.0	21
227	Therapeutic Approaches in Vascular Repair Induced by Adult Bone Marrow Cells and Circulating Progenitor Endothelial Cells. Current Pharmaceutical Design, 2007, 13, 3245-3251.	1.9	21
228	Analysis of PALB2 in a cohort of Italian breast cancer patients: identification of a novel PALB2 truncating mutation. Familial Cancer, 2015, 14, 341-348.	1.9	21
229	Severe Type 2 Diabetes Induces Reversible Modifications of Endothelial Progenitor Cells Which are Ameliorate by Glycemic Control. International Journal of Stem Cells, 2016, 9, 137-144.	1.8	21
230	Effect of nitric oxide reduction on arterial thrombosis. Scandinavian Cardiovascular Journal, 2019, 53, 1-8.	1.2	21
231	Unresolved issues in left ventricular postischemic remodeling and progression to heart failure. Journal of Cardiovascular Medicine, 2019, 20, 640-649.	1.5	21
232	Statin Treatment and the Natural History of Atherosclerotic-Related Diseases: Pathogenic Mechanisms and the Risk-Benefit Profile. Current Pharmaceutical Design, 2004, 10, 425-432.	1.9	21
233	DNA methylation and breast cancer: A way forward (Review). International Journal of Oncology, 2021, 59, .	3.3	21
234	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. Circulation: Cardiovascular Imaging, 2021, 14, 1133-1146.	2.6	21

#	Article	IF	Citations
235	Screening tests for hepatitis B virus, hepatitis C virus, and human immunodeficiency virus in blood donors: Evaluation of two chemiluminescent immunoassay systems. Scandinavian Journal of Infectious Diseases, 2014, 46, 660-664.	1.5	20
236	Clinical epigenetics and multidrug-resistant bacterial infections: host remodelling in critical illness. Epigenetics, 2020, 15, 1021-1034.	2.7	20
237	Hypertension and Hypercholesterolemia Differentially Affect the Function and Structure of Pig Carotid Artery. Hypertension, 2007, 50, 1063-1068.	2.7	19
238	Mediator subunits: Gene expression pattern, a novel transcript identification and nuclear localization in human endothelial progenitor cells. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2010, 1799, 487-495.	1.9	19
239	Recent advances in proteomic technologies applied to cardiovascular disease. Journal of Cellular Biochemistry, 2013, 114, 7-20.	2.6	19
240	Polycomb YY1 is a critical interface between epigenetic code and miRNA machinery after exposure to hypoxia in malignancy. Biochimica Et Biophysica Acta - Molecular Cell Research, 2015, 1853, 975-986.	4.1	19
241	Occult Hepatitis Infection in Transfusion Medicine: Screening Policy and Assessment of Current Use of Anti-HBc Testing. Transfusion Medicine and Hemotherapy, 2017, 44, 263-272.	1.6	19
242	Clinical Role of Epigenetics and Network Analysis in Eye Diseases: A Translational Science Review. Journal of Ophthalmology, 2019, 2019, 1-11.	1.3	19
243	Therapeutic angiogenesis in diabetic apolipoprotein E-deficient mice using bone marrow cells, functional hemangioblasts and metabolic intervention. Atherosclerosis, 2010, 209, 403-414.	0.8	18
244	Potential benefits of cell therapy in coronary heart disease. Journal of Cardiology, 2013, 62, 267-276.	1.9	18
245	Comparison Between Screening and Confirmatory Serological Assays in Blood Donors in a Region of South Italy. Journal of Clinical Laboratory Analysis, 2014, 28, 198-203.	2.1	18
246	From HLA typing to anti-HLA antibody detection and beyond: The road ahead. Transplantation Reviews, 2016, 30, 187-194.	2.9	18
247	Imaging techniques to evaluate cell therapy in peripheral artery disease: state of the art and clinical trials. Clinical Physiology and Functional Imaging, 2016, 36, 165-178.	1.2	18
248	Emerging strategies of blood group genotyping for patients with hemoglobinopathies. Transfusion and Apheresis Science, 2017, 56, 206-213.	1.0	18
249	Non-nutritional sweeteners effects on endothelial vascular function. Toxicology in Vitro, 2020, 62, 104694.	2.4	18
250	An integrated approach to coronary heart disease diagnosis and clinical management. American Journal of Translational Research (discontinued), 2017, 9, 3148-3166.	0.0	18
251	MED1/BDNF/TrkB pathway is involved in thalamic hemorrhage-induced pain and depression by regulating microglia. Neurobiology of Disease, 2022, 164, 105611.	4.4	18
252	Developmental Programming: Maternal Hypercholesterolem and Immunity Influence Susceptibility to Atherosclerosis. Nutrition Reviews, 2007, 65, S182-S187.	5.8	17

#	Article	IF	Citations
253	Evidence of Bacteroides fragilis Protection from Bartonella henselae-Induced Damage. PLoS ONE, 2012, 7, e49653.	2.5	17
254	Erythrocyte genotyping for transfusion-dependent patients at the Azienda Universitaria Policlinico of Naples. Transfusion and Apheresis Science, 2015, 52, 72-77.	1.0	17
255	DNA methylation profiling of CD04+/CD08+ T cells reveals pathogenic mechanisms in increasing hyperglycemia: PIRAMIDE pilot study. Annals of Medicine and Surgery, 2020, 60, 218-226.	1.1	17
256	Therapeutic effects of concurrent autologous bone marrow cell infusion and metabolic intervention in ischemia-induced angiogenesis in the hypercholesterolemic mouse hindlimb. International Journal of Cardiology, 2007, 117, 238-243.	1.7	16
257	Repeated immune and non immune insults to the graft after heart transplantation. Immunology Letters, 2011, 141, 18-27.	2.5	16
258	Distinct alternative splicing patterns of mediator subunit genes during endothelial progenitor cell differentiation. Biochimie, 2012, 94, 1828-1832.	2.6	15
259	New challenges in integrated diagnosis by imaging and osteo-immunology in bone lesions. Expert Review of Clinical Immunology, 2019, 15, 289-301.	3.0	15
260	Pancreatic Cancer with Mutation in BRCA1/2, MLH1, and APC Genes: Phenotype Correlation and Detection of a Novel Germline BRCA2 Mutation. Genes, 2022, 13, 321.	2.4	15
261	Nitric Oxide and Atherosclerotic Lesion Progression: An Overview. Journal of Cardiac Surgery, 2010, 17, 355-362.	0.7	14
262	Impact of epigenetic mechanisms on therapeutic approaches of hemoglobinopathies. Blood Cells, Molecules, and Diseases, 2015, 55, 95-100.	1.4	14
263	Machine learning and network medicine: a novel approach for precision medicine and personalized therapy in cardiomyopathies. Journal of Cardiovascular Medicine, 2021, 22, 429-440.	1.5	14
264	Current Concepts in Histocompatibility During Heart Transplant. Experimental and Clinical Transplantation, 2012, 10, 209-218.	0.5	14
265	Human Leukocyte Antigen-DR Mismatch Is Associated With Increased In-Hospital Mortality After a Heart Transplant. Experimental and Clinical Transplantation, 2013, 11, 346-351.	0.5	14
266	Long-term Treatment With Pravastatin Alone and in Combination With Gemfibrozil in Familial Type IIB Hyperlipoproteinemia or Combined Hyperlipidemia. Journal of Cardiovascular Pharmacology and Therapeutics, 1997, 2, 17-26.	2.0	13
267	Targeting Vascular Niche by Parathyroid Hormone. Current Medicinal Chemistry, 2008, 15, 2984-2990.	2.4	13
268	Differential DNA Methylation Encodes Proliferation and Senescence Programs in Human Adipose-Derived Mesenchymal Stem Cells. Frontiers in Genetics, 2020, 11, 346.	2.3	13
269	Nutrition and cardiovascular disease: Putting a pathogenic framework into focus. Cardiovascular Research, 2007, 73, 253-256.	3.8	12
270	In VitroDifferentiation and Maturation of Human Embryonic Stem Cell into Multipotent Cells. Stem Cells International, 2011, 2011, 1-7.	2.5	12

#	Article	IF	Citations
271	Human Leukocyte Antigens and Alloimmunization in Heart Transplantation: An Open Debate. Journal of Cardiovascular Translational Research, 2014, 7, 664-675.	2.4	12
272	Lights and shadows of anti-HLA antibodies detected by solid-phase assay. Immunology Letters, 2014, 162, 181-187.	2.5	12
273	Anomalous left main coronary artery detected by CT angiography. Surgical and Radiologic Anatomy, 2016, 38, 987-990.	1.2	12
274	Seroprevalence of Bartonella henselae in patients awaiting heart transplant in Southern Italy. Journal of Microbiology, Immunology and Infection, 2017, 50, 239-244.	3.1	12
275	Cardiac Toxicity Associated with Cancer Immunotherapy and Biological Drugs. Cancers, 2021, 13, 4797.	3.7	12
276	Glycoxidation of lowâ€“density lipoprotein promotes multiple apoptotic pathways and NFkB activation in human coronary cells. Basic Research in Cardiology, 2006, 101, 101-108.	5.9	11
277	Epigenetics Mechanisms in Multiorgan Dysfunction Syndrome. Anesthesia and Analgesia, 2019, 129, 1422-1432.	2.2	11
278	Epigenetic therapies of osteoporosis. Bone, 2021, 142, 115680.	2.9	11
279	Evidence for human diabetic cardiomyopathy. Acta Diabetologica, 2021, 58, 983-988.	2.5	11
280	Veno-arterial Extracorporeal Membrane Oxygenation as Bridge to Heart Transplantation: The Way Forward. Transplantation Direct, 2021, 7, e720.	1.6	11
281	Epigenetic-sensitive challenges of cardiohepatic interactions: clinical and therapeutic implications in heart failure patients. European Journal of Gastroenterology and Hepatology, 2021, 33, 1247-1253.	1.6	11
282	Current Drugs and Nutraceuticals for the Treatment of Patients with Dyslipidemias. Current Pharmaceutical Design, 2019, 25, 85-95.	1.9	11
283	Mechanisms of action of SGLT2 inhibitors and their beneficial effects on the cardiorenal axis. Canadian Journal of Physiology and Pharmacology, 2022, 100, 93-106.	1.4	11
284	RNA-Seq for the identification of novel Mediator transcripts in endothelial progenitor cells. Gene, 2014, 547, 98-105.	2.2	10
285	Human Serum Eye Drops in Eye Alterations: An Insight and a Critical Analysis. Journal of Ophthalmology, 2015, 2015, 1-14.	1.3	10
286	Genetic and epigenetic-sensitive regulatory network in immune response: a putative link between HLA-G and diabetes. Expert Review of Endocrinology and Metabolism, 2019, 14, 233-241.	2.4	10
287	Emergent expansion of clinical epigenetics in patients with cardiovascular diseases. Current Opinion in Cardiology, 2021, 36, 295-300.	1.8	10
288	Mouse Models of Atherosclerosis. , 0, , 149-174.		10

#	Article	IF	Citations
289	Severe Cardiac Toxicity Induced by Cancer Therapies Requiring Intensive Care Unit Admission. Frontiers in Cardiovascular Medicine, 2021, 8, 713694.	2.4	10
290	De novo DNA methylation induced by circulating extracellular vesicles from acute coronary syndrome patients. Atherosclerosis, 2022, 354, 41-52.	0.8	10
291	Loss of cardioprotective effects of preinfarction angina in elderly but not in adult patients. American Journal of Cardiology, 2001, 88, 721.	1.6	9
292	Splicing regulators in endothelial cell differentiation. Journal of Cardiovascular Medicine, 2017, 18, 742-749.	1.5	9
293	HLA-G and anti-HCV in patients on the waiting list for kidney transplantation. Advances in Medical Sciences, 2018, 63, 317-322.	2.1	9
294	Adult cardiovascular surgery and the coronavirus disease 2019 (COVID-19) pandemic: the Italian experience. Interactive Cardiovascular and Thoracic Surgery, 2020, 31, 755-762.	1.1	9
295	Maternal hypercholesterolaemia during pregnancy affects severity of myocardial infarction in young adults. European Journal of Preventive Cardiology, 2022, 29, 758-765.	1.8	9
296	ABCA1, TCF7, NFATC1, PRKCZ, and PDGFA DNA methylation as potential epigenetic-sensitive targets in acute coronary syndrome via network analysis. Epigenetics, 2022, 17, 547-563.	2.7	9
297	Renal function impairment predicts mortality in patients with chronic heart failure treated with resynchronization therapy. Cardiology Journal, 2015, 22, 459-466.	1.2	9
298	Clinical epigenetics and restoring of metabolic health in severely obese patients undergoing batriatric and metabolic surgery. Updates in Surgery, 2022, 74, 431-438.	2.0	9
299	New Advances in Microarrays: Finding the Genes Causally Involved in Disease. , 2005, 108, 215-234.		9
300	Effect of low density lipoprotein fatty acid composition on copper-induced peroxidation: 1H-nuclear magnetic resonance analysis. Clinica Chimica Acta, 1997, 258, 193-200.	1.1	8
301	Efficacy of Thrombolysis in Younger and Older Adult Patients Suffering Their First Acute Qâ€Wave Myocardial Infarction. Journal of the American Geriatrics Society, 2002, 50, 343-348.	2.6	8
302	Anti-HLA-A, -B, -DR, -DQB1 and -DQA1 antibodies reactive epitope determination with HLAMatchmaker in multipare awaiting list for heart transplant. Human Immunology, 2013, 74, 937-941.	2.4	8
303	Antibodyâ€reactive class I epitopes defined by pairs of mismatched eplets and selfâ€eplets. Tissue Antigens, 2015, 86, 368-372.	1.0	8
304	Compromised nutritional status in patients with end-stage liver disease: Role of gut microbiota. Hepatobiliary and Pancreatic Diseases International, 2018, 17, 290-300.	1.3	8
305	Effect on Long-Term Mortality of HLA-DR Matching in Heart Transplantation. Journal of Cardiac Failure, 2019, 25, 409-411.	1.7	8
306	Peripheral artery disease: the new frontiers of imaging techniques to evaluate the evolution of regenerative medicine. Expert Review of Cardiovascular Therapy, 2019, 17, 511-532.	1.5	8

#	Article	IF	Citations
307	Autoptic findings of sudden cardiac death (SCD) in patients with arrhythmogenic ventricular cardiomiopathy (AVC) from left ventricle and biventricular involvement. Pathology Research and Practice, 2020, 216, 153269.	2.3	8
308	Network Medicine Approach in Prevention and Personalized Treatment of Dyslipidemias. Lipids, 2021, 56, 259-268.	1.7	8
309	MiR-200c-3p maintains stemness and proliferative potential in adipose-derived stem cells by counteracting senescence mechanisms. PLoS ONE, 2021, 16, e0257070.	2.5	8
310	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?. Cardiovascular and Hematological Agents in Medicinal Chemistry, 2012, 10, 99-108.	1.0	8
311	Machine Learning and Bioinformatics Framework Integration to Potential Familial DCM-Related Markers Discovery. Genes, 2021, 12, 1946.	2.4	8
312	Methodologies for anti-HLA antibody screening in patients awaiting kidney transplant: a comparative study. Experimental and Clinical Transplantation, 2011, 9, 381-6.	0.2	8
313	Evidence of COX-1 and COX-2 expression in Kaposiâ€™s sarcoma tissues. European Journal of Cancer, 2007, 43, 1232-1241.	2.8	7
314	The Promise and Therapeutic Potential of Human ES and iPS Cells. Stem Cells International, 2011, 2011, 1-2.	2.5	7
315	Glycoxydation promotes vascular damage Via MAPKâ€ERK/JNK pathways. Journal of Cellular Physiology, 2012, 227, 3639-3647.	4.1	7
316	Gene expression profile of the whole Mediator complex in human osteosarcoma and normal osteoblasts. Medical Oncology, 2013, 30, 739.	2.5	7
317	Novel biomarkers useful in surveillance of graft rejection after heart transplantation. Transplant Immunology, 2021, 67, 101406.	1.2	7
318	Histological findings and evidence of lipid conjugated dienes and malonyldialdehyde in human fetal aortas. Acta Paediatrica, International Journal of Paediatrics, 1993, 82, 823-828.	1.5	7
319	Effect of Single Sensitization Event on Human Leukocyte Antigen Alloimmunization in Kidney Transplant Candidates: A Single-Center Experience. Experimental and Clinical Transplantation, 2018, 16, 44-49.	0.5	7
320	Anti-HLA Antibodies Testing on Solid Phase: Comparative Evaluation of Different Kit Vendors Through Luminex Technology. Experimental and Clinical Transplantation, 2017, 15, 636-640.	0.5	7
321	MMP inhibition and the development of cerebrovascular atherosclerosis: The road ahead. Stroke, 2002, 33, 2864-5.	2.0	7
322	High Prevalence of Myocardial Ischemia and Vasoconstrictive Hormonal Release in Hypertension during Chronic Renal Failure. Nephron, 1997, 76, 434-444.	0.6	6
323	Ergonomics, gerontechnology and well-being in older patients with cardiovascular disease. International Journal of Cardiology, 2000, 72, 187-188.	1.7	6
324	A four-year-old rabbit cannot be considered the right model for investigating cardiac senescence. Journal of the American College of Cardiology, 2002, 39, 1701.	2.8	6

#	Article	IF	Citations
325	Epitope-specificities of HLA antibodies: The effect of epitope structure on Luminex technique-dependent antibody reactivity. Human Immunology, 2015, 76, 297-300.	2.4	6
326	Infections and cardiovascular disease: is Bartonella henselae contributing to this matter?. Journal of Medical Microbiology, 2015, 64, 799-809.	1.8	6
327	Platelet Gel in a Non-Regenerating Cryosurgery-Induced Skin Wound in an Old Patient: A Case Report. Medical Principles and Practice, 2016, 25, 388-390.	2.4	6
328	Comparison of performance of twoTreponema pallidumautomated chemiluminescent immunoassays in blood donors. Infectious Diseases, 2016, 48, 483-487.	2.8	6
329	Efforts in blood safety: Integrated approach for serological diagnosis of syphilis. Asian Journal of Transfusion Science, 2016, 10, 22.	0.3	6
330	Long-term Follow-up of Kidney Transplants in a Region of Southern Italy. Experimental and Clinical Transplantation, 2014, 12, 15-20.	0.5	6
331	Evaluation of circulating leucocyte populations both in subjects with previous SARS-COV-2 infection and in healthy subjects after vaccination. Journal of Immunological Methods, 2022, 502, 113230.	1.4	6
332	Histological findings and evidence of lipid conjugated dienes and malonyldialdehyde in human fetal aortas. Acta Paediatrica, International Journal of Paediatrics, 1993, 82, 823-828.	1.5	5
333	Low density lipoprotein oxidation and variant angina: Role of methodologic procedures in assessment of oxidizability of low density lipoprotein. Journal of the American College of Cardiology, 1996, 28, 1637.	2.8	5
334	Modification of the detrimental effect of TNFâ€Î± on human endothelial progenitor cells by fasudil and Y27632. Journal of Biochemical and Molecular Toxicology, 2010, 24, 351-360.	3.0	5
335	Heart Transplant with Donor-Specific Antibody after Immunoadsorption plus Rituximab: A Case Report. Progress in Transplantation, 2013, 23, 128-131.	0.7	5
336	Current Clinical Applications of Extracorporeal Photochemotherapy. Therapeutic Apheresis and Dialysis, 2015, 19, 103-110.	0.9	5
337	Fixed-dose combination of zofenopril plus hydrochlorothiazide vs. irbesartan plus hydrochlorothiazide in hypertensive patients with established metabolic syndrome uncontrolled by previous monotherapy. The ZAMES study (Zofenopril in Advanced MEtabolic Syndrome). Journal of Hypertension, 2016, 34, 2287-2297.	0.5	5
338	Syphilis detection: evaluation of serological screening and pilot reverse confirmatory assay algorithm in blood donors. International Journal of STD and AIDS, 2016, 27, 644-649.	1.1	5
339	Efficacy of Zofenopril vs. Irbesartan in Combination with a Thiazide Diuretic in Hypertensive Patients with Multiple Risk Factors not Controlled by a Previous Monotherapy: A Review of the Double-Blind, Randomized â€œZâ€•Studies. Advances in Therapy, 2017, 34, 784-798.	2.9	5
340	Sweeteners modulate bioactivity of endothelial progenitor cells but not induce detrimental effects both on inflammation and behavioural changes. International Journal of Food Sciences and Nutrition, 2019, 70, 725-737.	2.8	5
341	Flow Cytometry Characterization of Pluripotent Transmembrane Glycoproteins on Resident Cervix Uteri Cells in Patients Screened for Cervical Cancer. Cancer Investigation, 2020, 38, 228-239.	1.3	5
342	Tandem positive action of SGLT2 inhibitors and ARNI in patients with heart failure. Acta Diabetologica, 2021, 58, 1579-1580.	2.5	5

#	Article	IF	Citations
343	ANMCO POSITION PAPER: on administration of type 2 sodium-glucose co-transporter inhibitors to prevent heart failure in diabetic patients and to treat heart failure patients with and without diabetes. European Heart Journal Supplements, 2021, 23, C184-C195.	0.1	5
344	DNA Methylation Profile of the <i>SREBF2</i> Gene in Human Fetal Aortas. Journal of Vascular Research, 2022, 59, 61-68.	1.4	5
345	New Challenges for ACE-Inhibitors in Vascular Diseases. Drug Design Reviews Online, 2005, 2, 485-493.	0.7	5
346	Automated enzymatic determination of urinary nitrates in humans. Current Therapeutic Research, 1996, 57, 878-884.	1.2	4
347	Glycoxidation of Low-Density Lipoprotein Increases TUNEL Positivity and CPP32 Activation in Human Coronary Cells. Annals of the New York Academy of Sciences, 2003, 1010, 710-715.	3.8	4
348	Association between human leukocyte antigen class I and II alleles and hepatitis C virus infection in high-risk hemodialysis patients awaiting kidney transplantation. Human Immunology, 2013, 74, 1629-1632.	2.4	4
349	Endothelial progenitor cells and human diseases. Annals of Hematology, 2014, 93, 533-534.	1.8	4
350	Blood group genotyping for patients with autoimmune hemolytic anemia. Translational Research, 2014, 164, 177-178.	5.0	4
351	Potential clinical benefits of cell therapy in coronary heart disease: an update. Journal of Thoracic Disease, 2018, 10, S2412-S2422.	1.4	4
352	Careful clinical evaluation of donor fraction cell-free DNA in rejection surveillance after heart transplantation. Journal of Heart and Lung Transplantation, 2020, 39, 1324.	0.6	4
353	Blood transfusions and adverse acute events: a retrospective study from 214 transfusion-dependent pediatric patients comparing transfused blood components by apheresis or by whole blood. Annali Dell'Istituto Superiore Di Sanita, 2019, 55, 351-356.	0.4	4
354	Diagnostic utility of FGF-23 in mineral bone disorder during chronic kidney disease. Journal of Circulating Biomarkers, 2022, 11, 1-4.	1.3	4
355	Unraveling the Mechanisms of Plaque Rupture in Murine Models. Circulation, 2002, 106, e186; author reply e186.	1.6	3
356	Nitric Oxide, Oxidative Stress, Immune Response and Critical Care. , 2010, , 755-772.		3
357	Nitric Oxide in Vascular Damage and Regeneration. , 2010, , 629-672.		3
358	The Novel Role of Epigenetics in Primary Prevention of Cardiovascular Diseases. Neurology International, 2012, 2, e12.	0.5	3
359	Intravenous human immunoglobulin treatment of serum from HLA-sensitized patients in kidney transplantation. Renal Failure, 2014, 36, 585-588.	2.1	3
360	Endothelium and Regulatory Inflammatory Mechanisms During Organ Rejection. Angiology, 2014, 65, 379-387.	1.8	3

#	Article	IF	Citations
361	Guidelines for Secondary Solid Cancers Among HSCT Recipients. JAMA Oncology, 2019, 5, 1064.	7.1	3
362	Useful applications of growth factors for cardiovascular regenerative medicine. Growth Factors, 2020, 38, 35-63.	1.7	3
363	COVID-19: Do not be phobic from fever. Journal of Infection and Public Health, 2020, 13, 938.	4.1	3
364	Epigeneticâ€based therapy in allogenic hematopoietic stem cell transplantation: Novel opportunities for personalized treatment. Clinical Transplantation, 2021, 35, e14306.	1.6	3
365	Perturbation of interactome through micro-RNA and methylome analysis in diabetes endophenotypes: the PIRAMIDE pathogenic clinical study design. International Journal of Clinical Trials, 2019, 6, 117.	0.2	3
366	Long-term treatment with simvastatin in patients with familial combined hyperlipidemia. Current Therapeutic Research, 1995, 56, 70-80.	1.2	2
367	Effects on duration of post-operative ischemia and patterns of blood flow recovery in different conditions of mouse hind limb ischemia. Vascular Cell, 2011, 3, 14.	0.2	2
368	Discovery of Biomarkers for Chronic Graft-versus-Host Disease. Texas Heart Institute Journal, 2014, 41, 107-108.	0.3	2
369	The PARAGON-HF Trial. JACC: Heart Failure, 2020, 8, 697-698.	4.1	2
370	Further evidence on HLAâ€DR matching in determining heart transplantation outcomes. Transplant International, 2020, 33, 1551-1552.	1.6	2
371	Commentary: Urgent need for careful holistic assessment post-coronavirus disease 2019 (COVID-19) hospitalization: Crisis after crisis?. Journal of Thoracic and Cardiovascular Surgery, 2022, 163, 1093-1094.	0.8	2
372	Protective Effects of Food on Cardiovascular Diseases. , 2010, , 455-471.		2
373	Precision Medicine in Patients with Differential Diabetic Phenotypes: Novel Opportunities from Network Medicine. Current Diabetes Reviews, 2022, 18, .	1.3	2
374	Safety and Efficacy of the bi-Sulfydryl ACE-Inhibitor Zofenopril in the Management of Cardiovascular Disease. Clinical Medicine Therapeutics, 2009, 1, CMT.S2796.	0.1	1
375	HLA match in operational tolerance after pediatric living-donor liver transplantation. Transplant International, 2012, 25, e106-e107.	1.6	1
376	Comment about the article by Bisson-Vaivre et al.: â€œThe role of HLA and KIR in anti-TNF therapyâ€. Joint Bone Spine, 2013, 80, 118.	1.6	1
377	In Situ Immune Profiling Identifies Immune Players Involved in Allograft Rejection. JACC Basic To Translational Science, 2020, 5, 750-751.	4.1	1
378	Evidences on overweight of regular blood donors in a center of Southern Italy. Clinical Epidemiology and Global Health, 2020, 8, 758-763.	1.9	1

#	Article	IF	Citations
379	COVID-19 and the second wave during autumn: preventive strategies in cardiac and thoracic surgery divisions. European Surgery - Acta Chirurgica Austriaca, 2021, 53, 37-39.	0.7	1
380	Endothelial Cell Tube Formation on Basement Membrane to Study Cancer Neoangiogenesis. , 2015, , 13-22.		1
381	Specific Microorganism Strains for Achieving Specific Health Targets in Children Undergoing Hematopoietic Stem Cell Transplant. Experimental and Clinical Transplantation, 2013, 11, 469-470.	0.5	1
382	Long-term effects on left ventricular function after late thrombolysis in patients with myocardial infarction. Current Therapeutic Research, 1997, 58, 570-574.	1.2	0
383	Flow Cytometry Analysis and Crossmatch Detection Techniques in Transplantation. Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry, 2012, 12, 34-39.	0.5	0
384	Cardiovascular Disease and Transgenerational Epigenetic Effects. , 2014, , 321-341.		0
385	Finding new HLA-C alleles is useful for the success of bone marrow transplantation. Saudi Journal of Kidney Diseases and Transplantation: an Official Publication of the Saudi Center for Organ Transplantation, Saudi Arabia, 2013, 24, 1000.	0.3	0
386	The relationship between Chagas disease and immunosuppressive therapy. Blood Transfusion, 2014, 12 Suppl 1, s381-2.	0.4	0