

Vicente Andrs

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169
papers

7,482
citations

47
h-index

82
g-index

182
ext. papers

8,792
ext. citations

7.1
avg, IF

5.95
L-index

#	Paper	IF	Citations
169	Clonal hematopoiesis associated with TET2 deficiency accelerates atherosclerosis development in mice. <i>Science</i> , 2017 , 355, 842-847	33.3	602
168	Myogenin expression, cell cycle withdrawal, and phenotypic differentiation are temporally separable events that precede cell fusion upon myogenesis. <i>Journal of Cell Biology</i> , 1996 , 132, 657-66	7.3	494
167	MyoD-induced expression of p21 inhibits cyclin-dependent kinase activity upon myocyte terminal differentiation. <i>Molecular and Cellular Biology</i> , 1995 , 15, 3823-9	4.8	356
166	Splicing-directed therapy in a new mouse model of human accelerated aging. <i>Science Translational Medicine</i> , 2011 , 3, 106ra107	17.5	240
165	Role of A-type lamins in signaling, transcription, and chromatin organization. <i>Journal of Cell Biology</i> , 2009 , 187, 945-57	7.3	217
164	hMEF2C gene encodes skeletal muscle- and brain-specific transcription factors. <i>Molecular and Cellular Biology</i> , 1993 , 13, 2564-77	4.8	212
163	Histopathology of in-stent restenosis in patients with peripheral artery disease. <i>Circulation</i> , 1997 , 95, 1998-2002	16.7	196
162	Telomere biology and cardiovascular disease. <i>Circulation Research</i> , 2006 , 99, 1167-80	15.7	191
161	Telomeres and cardiovascular disease: does size matter?. <i>Circulation Research</i> , 2004 , 94, 575-84	15.7	165
160	A mechanism of AP-1 suppression through interaction of c-Fos with lamin A/C. <i>Genes and Development</i> , 2006 , 20, 307-20	12.6	163
159	Downregulation of cyclin-dependent kinase 2 activity and cyclin A promoter activity in vascular smooth muscle cells by p27(KIP1), an inhibitor of neointima formation in the rat carotid artery. <i>Journal of Clinical Investigation</i> , 1997 , 99, 2334-41	15.9	153
158	Defective extracellular pyrophosphate metabolism promotes vascular calcification in a mouse model of Hutchinson-Gilford progeria syndrome that is ameliorated on pyrophosphate treatment. <i>Circulation</i> , 2013 , 127, 2442-51	16.7	149
157	Fast regulation of AP-1 activity through interaction of lamin A/C, ERK1/2, and c-Fos at the nuclear envelope. <i>Journal of Cell Biology</i> , 2008 , 183, 653-66	7.3	136
156	Remodeling of Bone Marrow Hematopoietic Stem Cell Niches Promotes Myeloid Cell Expansion during Premature or Physiological Aging. <i>Cell Stem Cell</i> , 2019 , 25, 407-418.e6	18	114
155	Classic and novel roles of p53: prospects for anticancer therapy. <i>Trends in Molecular Medicine</i> , 2007 , 13, 192-9	11.5	106
154	Temporally and Spatially Coordinated Expression of Cell Cycle Regulatory Factors After Angioplasty. <i>Circulation Research</i> , 1997 , 80, 418-426	15.7	94
153	A new bipartite DNA-binding domain: cooperative interaction between the cut repeat and homeo domain of the cut homeo proteins. <i>Genes and Development</i> , 1994 , 8, 245-57	12.6	89

152	Determination of the consensus binding site for MEF2 expressed in muscle and brain reveals tissue-specific sequence constraints. <i>Journal of Biological Chemistry</i> , 1995 , 270, 23246-9	5.4	88
151	Biological Versus Chronological Aging: JACC Focus Seminar. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 919-930	15.1	87
150	Antibody blockade of thrombospondin accelerates reendothelialization and reduces neointima formation in balloon-injured rat carotid artery. <i>Circulation</i> , 1999 , 100, 849-54	16.7	86
149	Rapamycin attenuates atherosclerosis induced by dietary cholesterol in apolipoprotein-deficient mice through a p27 Kip1 -independent pathway. <i>Atherosclerosis</i> , 2004 , 172, 31-8	3.1	82
148	Overexpression of p27(Kip1) by doxycycline-regulated adenoviral vectors inhibits endothelial cell proliferation and migration and impairs angiogenesis. <i>FASEB Journal</i> , 2001 , 15, 1877-85	0.9	81
147	Identification of mitochondrial dysfunction in Hutchinson-Gilford progeria syndrome through use of stable isotope labeling with amino acids in cell culture. <i>Journal of Proteomics</i> , 2013 , 91, 466-77	3.9	79
146	Control of cell proliferation in atherosclerosis: insights from animal models and human studies. <i>Cardiovascular Research</i> , 2010 , 86, 254-64	9.9	78
145	Nitric oxide-induced downregulation of Cdk2 activity and cyclin A gene transcription in vascular smooth muscle cells. <i>Circulation</i> , 1998 , 97, 2066-72	16.7	78
144	Role of platelets as mediators that link inflammation and thrombosis in atherosclerosis. <i>Platelets</i> , 2013 , 24, 255-62	3.6	75
143	Aging, telomeres, and atherosclerosis. <i>Cardiovascular Research</i> , 2005 , 66, 213-21	9.9	75
142	The growth suppressor p27(Kip1) protects against diet-induced atherosclerosis. <i>FASEB Journal</i> , 2001 , 15, 1989-95	0.9	74
141	p19(ARF) deficiency reduces macrophage and vascular smooth muscle cell apoptosis and aggravates atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2010 , 55, 2258-68	15.1	73
140	Differential regulation of the retinoblastoma family of proteins during cell proliferation and differentiation. <i>Biochemical Journal</i> , 1998 , 333 (Pt 3), 645-54	3.8	71
139	Control of vascular cell proliferation and migration by cyclin-dependent kinase signalling: new perspectives and therapeutic potential. <i>Cardiovascular Research</i> , 2004 , 63, 11-21	9.9	69
138	Short telomeres protect from diet-induced atherosclerosis in apolipoprotein E-null mice. <i>FASEB Journal</i> , 2004 , 18, 418-20	0.9	63
137	ERK1/2 MAP kinases promote cell cycle entry by rapid, kinase-independent disruption of retinoblastoma-lamin A complexes. <i>Journal of Cell Biology</i> , 2010 , 191, 967-79	7.3	62
136	Vascular Smooth Muscle-Specific Progerin Expression Accelerates Atherosclerosis and Death in a Mouse Model of Hutchinson-Gilford Progeria Syndrome. <i>Circulation</i> , 2018 , 138, 266-282	16.7	61
135	High-resolution imaging of intravascular atherogenic inflammation in live mice. <i>Circulation Research</i> , 2014 , 114, 770-9	15.7	59

134	A glimpse on the phenomenon of macrophage polarization during atherosclerosis. <i>Immunobiology</i> , 2011 , 216, 1172-6	3.4	59
133	Role of c-fos and E2F in the induction of cyclin A transcription and vascular smooth muscle cell proliferation. <i>Journal of Clinical Investigation</i> , 1998 , 101, 940-8	15.9	58
132	Macrophage proliferation and apoptosis in atherosclerosis. <i>Current Opinion in Lipidology</i> , 2012 , 23, 429-34	3.4	56
131	Oil Red O and Hematoxylin and Eosin Staining for Quantification of Atherosclerosis Burden in Mouse Aorta and Aortic Root. <i>Methods in Molecular Biology</i> , 2015 , 1339, 85-99	1.4	55
130	Telomere Length as Cardiovascular Aging Biomarker: JACC Review Topic of the Week. <i>Journal of the American College of Cardiology</i> , 2018 , 72, 805-813	15.1	53
129	Nuclear envelope lamin-A couples actin dynamics with immunological synapse architecture and T cell activation. <i>Science Signaling</i> , 2014 , 7, ra37	8.8	52
128	Coordinate control of proliferation and migration by the p27Kip1/cyclin-dependent kinase/retinoblastoma pathway in vascular smooth muscle cells and fibroblasts. <i>Circulation Research</i> , 2003 , 92, 402-10	15.7	52
127	Selective inactivation of p27(Kip1) in hematopoietic progenitor cells increases neointimal macrophage proliferation and accelerates atherosclerosis. <i>Blood</i> , 2004 , 103, 158-61	2.2	50
126	A Novel Systems-Biology Algorithm for the Analysis of Coordinated Protein Responses Using Quantitative Proteomics. <i>Molecular and Cellular Proteomics</i> , 2016 , 15, 1740-60	7.6	48
125	Progerin accelerates atherosclerosis by inducing endoplasmic reticulum stress in vascular smooth muscle cells. <i>EMBO Molecular Medicine</i> , 2019 , 11,	12	47
124	Snake venomomics of <i>Lachesis muta rhombeata</i> and genus-wide antivenomics assessment of the paraspecific immunoreactivity of two antivenoms evidence the high compositional and immunological conservation across <i>Lachesis</i> . <i>Journal of Proteomics</i> , 2013 , 89, 112-23	3.9	47
123	Embryological-origin-dependent differences in homeobox expression in adult aorta: role in regional phenotypic variability and regulation of NF- κ B activity. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1248-56	9.4	47
122	Aging in the Cardiovascular System: Lessons from Hutchinson-Gilford Progeria Syndrome. <i>Annual Review of Physiology</i> , 2018 , 80, 27-48	23.1	46
121	Telomere dysfunction in hypertension. <i>Journal of Hypertension</i> , 2007 , 25, 2185-92	1.9	46
120	Short Telomere Load, Telomere Length, and Subclinical Atherosclerosis: The PESA Study. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 2467-76	15.1	44
119	Molecular mechanisms of atherosclerosis in metabolic syndrome: role of reduced IRS2-dependent signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2008 , 28, 2187-94	9.4	40
118	In vivo inhibition of c-MYC in myeloid cells impairs tumor-associated macrophage maturation and pro-tumoral activities. <i>PLoS ONE</i> , 2012 , 7, e45399	3.7	39
117	Distinct regulation of mitogen-activated protein kinases and p27Kip1 in smooth muscle cells from different vascular beds. A potential role in establishing regional phenotypic variance. <i>Journal of Biological Chemistry</i> , 2003 , 278, 4482-90	5.4	38

116	Age-dependent increase in c-fos activity and cyclin A expression in vascular smooth muscle cells. A potential link between aging, smooth muscle cell proliferation and atherosclerosis. <i>Cardiovascular Research</i> , 2000 , 45, 1026-34	9.9	38
115	Endothelial Jag1-RBPJ signalling promotes inflammatory leucocyte recruitment and atherosclerosis. <i>Cardiovascular Research</i> , 2016 , 112, 568-580	9.9	38
114	ApoA-I/HDL-C levels are inversely associated with abdominal aortic aneurysm progression. <i>Thrombosis and Haemostasis</i> , 2015 , 113, 1335-46	7	35
113	Increased p53 gene dosage reduces neointimal thickening induced by mechanical injury but has no effect on native atherosclerosis. <i>Cardiovascular Research</i> , 2007 , 75, 803-12	9.9	35
112	Cardiac electrical defects in progeroid mice and Hutchinson-Gilford progeria syndrome patients with nuclear lamina alterations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E7250-E7259	11.5	34
111	Animal models of atherosclerosis. <i>Progress in Molecular Biology and Translational Science</i> , 2012 , 105, 1-23	4	34
110	Regulation of Gax homeobox gene transcription by a combination of positive factors including myocyte-specific enhancer factor 2. <i>Molecular and Cellular Biology</i> , 1995 , 15, 4272-81	4.8	34
109	Proteomics Research in Cardiovascular Medicine and Biomarker Discovery. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 2819-2830	15.1	34
108	Control of vascular smooth muscle cell growth and its implication in atherosclerosis and restenosis (review). <i>International Journal of Molecular Medicine</i> , 1998 , 2, 81-9	4.4	31
107	A-type lamins and cardiovascular disease in premature aging syndromes. <i>Current Opinion in Cell Biology</i> , 2017 , 46, 17-25	9	30
106	A major role for RCAN1 in atherosclerosis progression. <i>EMBO Molecular Medicine</i> , 2013 , 5, 1901-17	12	30
105	A-type lamins and Hutchinson-Gilford progeria syndrome: pathogenesis and therapy. <i>Frontiers in Bioscience - Scholar</i> , 2011 , 3, 1133-46	2.4	30
104	Aryl hydrocarbon receptor contributes to the MEK/ERK-dependent maintenance of the immature state of human dendritic cells. <i>Blood</i> , 2013 , 121, e108-17	2.2	29
103	Regulation of muscle phosphofructokinase by physiological concentrations of bisphosphorylated hexoses: effect of alkalization. <i>Biochemical and Biophysical Research Communications</i> , 1990 , 172, 328-344	3.4	28
102	Embryonic expression of the Gax homeodomain protein in cardiac, smooth, and skeletal muscle. <i>Circulation Research</i> , 1997 , 80, 452-62	15.7	28
101	Generation and characterization of a novel knockin minipig model of Hutchinson-Gilford progeria syndrome. <i>Cell Discovery</i> , 2019 , 5, 16	22.3	27
100	Tumor suppressor p27(Kip1) undergoes endolysosomal degradation through its interaction with sorting nexin 6. <i>FASEB Journal</i> , 2010 , 24, 2998-3009	0.9	27
99	Antiproliferative strategies for the treatment of vascular proliferative disease. <i>Current Vascular Pharmacology</i> , 2003 , 1, 85-98	3.3	27

98	Increased dosage of Ink4/Arf protects against glucose intolerance and insulin resistance associated with aging. <i>Aging Cell</i> , 2013 , 12, 102-11	9.9	26
97	Vascular smooth muscle cell-specific progerin expression in a mouse model of Hutchinson-Gilford progeria syndrome promotes arterial stiffness: Therapeutic effect of dietary nitrite. <i>Aging Cell</i> , 2019 , 18, e12936	9.9	25
96	Role of the CDKN1A/p21, CDKN1C/p57, and CDKN2A/p16 genes in the risk of atherosclerosis and myocardial infarction. <i>Cell Cycle</i> , 2007 , 6, 620-5	4.7	25
95	Complement regulation in murine and human hypercholesterolemia and role in the control of macrophage and smooth muscle cell proliferation. <i>Cardiovascular Research</i> , 2007 , 76, 340-50	9.9	24
94	Role of Sp1 in the induction of p27 gene expression in vascular smooth muscle cells in vitro and after balloon angioplasty. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2001 , 21, 342-7	9.4	24
93	Short-Term Progression of Multiterritorial Subclinical Atherosclerosis. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 1617-1627	15.1	23
92	The promoter activity of human Mfn2 depends on Sp1 in vascular smooth muscle cells. <i>Cardiovascular Research</i> , 2012 , 94, 38-47	9.9	22
91	Potential role of proliferation signal inhibitors on atherosclerosis in renal transplant patients. <i>Nephrology Dialysis Transplantation</i> , 2006 , 21 Suppl 3, iii14-7	4.3	22
90	The microRNA-29/PGC1 β regulatory axis is critical for metabolic control of cardiac function. <i>PLoS Biology</i> , 2018 , 16, e2006247	9.7	22
89	Endothelial MT1-MMP targeting limits intussusceptive angiogenesis and colitis via TSP1/nitric oxide axis. <i>EMBO Molecular Medicine</i> , 2020 , 12, e10862	12	21
88	Novel phosphate-activated macrophages prevent ectopic calcification by increasing extracellular ATP and pyrophosphate. <i>PLoS ONE</i> , 2017 , 12, e0174998	3.7	21
87	MT4-MMP deficiency increases patrolling monocyte recruitment to early lesions and accelerates atherosclerosis. <i>Nature Communications</i> , 2018 , 9, 910	17.4	21
86	Hutchinson-Gilford progeria syndrome, cardiovascular disease and oxidative stress. <i>Frontiers in Bioscience - Scholar</i> , 2011 , 3, 1285-97	2.4	21
85	Control of vascular smooth muscle cell growth by cyclin-dependent kinase inhibitory proteins and its implication in cardiovascular disease. <i>Frontiers in Bioscience - Landmark</i> , 2000 , 5, D619-28	2.8	20
84	Alternatively activated macrophages exhibit an anticalcifying activity dependent on extracellular ATP/pyrophosphate metabolism. <i>American Journal of Physiology - Cell Physiology</i> , 2016 , 310, C788-99	5.4	20
83	Matrix metalloproteinase-10 deficiency delays atherosclerosis progression and plaque calcification. <i>Atherosclerosis</i> , 2018 , 278, 124-134	3.1	20
82	Disruption of the CCL1-CCR8 axis inhibits vascular Treg recruitment and function and promotes atherosclerosis in mice. <i>Journal of Molecular and Cellular Cardiology</i> , 2019 , 132, 154-163	5.8	18
81	Non-coding RNAs: update on mechanisms and therapeutic targets from the ESC Working Groups of Myocardial Function and Cellular Biology of the Heart. <i>Cardiovascular Research</i> , 2020 , 116, 1805-1819	9.9	18

80	Lamin A/C augments Th1 differentiation and response against vaccinia virus and Leishmania major. <i>Cell Death and Disease</i> , 2018 , 9, 9	9.8	18
79	Role of c-MYC in tumor-associated macrophages and cancer progression. <i>Oncolmmunology</i> , 2013 , 2, e22984	9.4	18
78	Murine models to investigate the influence of diabetic metabolism on the development of atherosclerosis and restenosis. <i>Frontiers in Bioscience - Landmark</i> , 2007 , 12, 4439-55	2.8	18
77	Nestin(+) cells direct inflammatory cell migration in atherosclerosis. <i>Nature Communications</i> , 2016 , 7, 12706	17.4	17
76	Deficient p27 phosphorylation at serine 10 increases macrophage foam cell formation and aggravates atherosclerosis through a proliferation-independent mechanism. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2011 , 31, 2455-63	9.4	17
75	Plasma insulin levels predict the development of atherosclerosis when IRS2 deficiency is combined with severe hypercholesterolemia in apolipoprotein E-null mice. <i>Frontiers in Bioscience - Landmark</i> , 2007 , 12, 2291-8	2.8	17
74	Pathophysiology of the proatherothrombotic state in the metabolic syndrome. <i>Frontiers in Bioscience - Scholar</i> , 2010 , 2, 194-208	2.4	17
73	Triglycerides and Residual Atherosclerotic Risk. <i>Journal of the American College of Cardiology</i> , 2021 , 77, 3031-3041	15.1	17
72	PI3K p110 α deletion attenuates murine atherosclerosis by reducing macrophage proliferation but not polarization or apoptosis in lesions. <i>PLoS ONE</i> , 2013 , 8, e72674	3.7	16
71	Role of the growth suppressor p27Kip1 during vascular remodeling. <i>Current Vascular Pharmacology</i> , 2003 , 1, 99-106	3.3	16
70	Control of vascular smooth muscle and endothelial cell proliferation and its implication in cardiovascular disease. <i>Frontiers in Bioscience - Landmark</i> , 1998 , 3, d269-87	2.8	15
69	miR-146a is a pivotal regulator of neutrophil extracellular trap formation promoting thrombosis. <i>Haematologica</i> , 2021 , 106, 1636-1646	6.6	15
68	A single-nucleotide polymorphism in the human p27kip1 gene (-838C>A) affects basal promoter activity and the risk of myocardial infarction. <i>BMC Biology</i> , 2004 , 2, 5	7.3	14
67	Increased early atherogenesis in young versus old hypercholesterolemic rabbits by a mechanism independent of arterial cell proliferation. <i>FEBS Letters</i> , 2002 , 522, 99-103	3.8	14
66	Machine Learning Improves Cardiovascular Risk Definition for Young, Asymptomatic Individuals. <i>Journal of the American College of Cardiology</i> , 2020 , 76, 1674-1685	15.1	14
65	Endothelial NOD1 directs myeloid cell recruitment in atherosclerosis through VCAM-1. <i>FASEB Journal</i> , 2019 , 33, 3912-3921	0.9	14
64	miR-146a deficiency in hematopoietic cells is not involved in the development of atherosclerosis. <i>PLoS ONE</i> , 2018 , 13, e0198932	3.7	12
63	Increased gene dosage of the Ink4/Arf locus does not attenuate atherosclerosis development in hypercholesterolaemic mice. <i>Atherosclerosis</i> , 2012 , 221, 98-105	3.1	12

62	Role of E2F and ERK1/2 in STI571-mediated smooth muscle cell growth arrest and cyclin A transcriptional repression. <i>Biochemical and Biophysical Research Communications</i> , 2004 , 317, 972-9	3.4	12
61	Distribution and developmental transition of phosphoglycerate mutase and creatine phosphokinase isozymes in rat muscles of different fiber-type composition. <i>Differentiation</i> , 1989 , 41, 72-7	3.5	12
60	Vascular Smooth Muscle Cell-Specific Progerin Expression Provokes Contractile Impairment in a Mouse Model of Hutchinson-Gilford Progeria Syndrome that Is Ameliorated by Nitrite Treatment. <i>Cells</i> , 2020 , 9,	7.9	11
59	Vitamin D puts the brakes on angiotensin II-induced oxidative stress and vascular smooth muscle cell senescence. <i>Atherosclerosis</i> , 2014 , 236, 444-7	3.1	11
58	Effect of denervation on the distribution and developmental transition of phosphoglycerate mutase and creatine phosphokinase isozymes in rat muscles of different fiber-type composition. <i>Differentiation</i> , 1990 , 43, 98-103	3.5	11
57	Activation of muscle phosphofructokinase by alpha-glucose 1,6-bisphosphate and fructose 2,6-bisphosphate is differently affected by other allosteric effectors and by pH. <i>Biochemical and Biophysical Research Communications</i> , 1988 , 157, 664-9	3.4	11
56	In Vitro Macrophage Phagocytosis Assay. <i>Methods in Molecular Biology</i> , 2015 , 1339, 235-46	1.4	9
55	Inactivation of nuclear factor- κ B inhibits vascular smooth muscle cell proliferation and neointima formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2013 , 33, 1036-45	9.4	9
54	Inhibiting cyclin-dependent kinase/cyclin activity for the treatment of cancer and cardiovascular disease. <i>Current Pharmaceutical Biotechnology</i> , 2003 , 4, 21-37	2.6	9
53	Unexpected proatherogenic properties of p21: beyond cell cycle control?. <i>Circulation</i> , 2004 , 110, 3749-52	6.7	9
52	The pharmaceutical solvent N-methyl-2-pyrrolidone (NMP) attenuates inflammation through Kr μ p1-like factor 2 activation to reduce atherogenesis. <i>Scientific Reports</i> , 2020 , 10, 11636	4.9	9
51	Vascular smooth muscle cell loss underpins the accelerated atherosclerosis in Hutchinson-Gilford progeria syndrome. <i>Nucleus</i> , 2019 , 10, 28-34	3.9	8
50	Loss of p27 phosphorylation at Ser10 accelerates early atherogenesis by promoting leukocyte recruitment via RhoA/ROCK. <i>Journal of Molecular and Cellular Cardiology</i> , 2015 , 84, 84-94	5.8	8
49	Impact of estrogens on atherosclerosis and bone in the apolipoprotein E-deficient mouse model. <i>Menopause</i> , 2015 , 22, 428-36	2.5	8
48	Lamin A/C deficiency in CD4 T-cells enhances regulatory T-cells and prevents inflammatory bowel disease. <i>Journal of Pathology</i> , 2019 , 249, 509-522	9.4	8
47	Synthesis, transport and incorporation into the nuclear envelope of A-type lamins and inner nuclear membrane proteins. <i>Biochemical Society Transactions</i> , 2011 , 39, 1758-63	5.1	8
46	Atherosclerosis development in apolipoprotein E-null mice deficient for CD69. <i>Cardiovascular Research</i> , 2009 , 81, 197-205	9.9	8
45	Atheroma development in apolipoprotein E-null mice is not regulated by phosphorylation of p27(Kip1) on threonine 187. <i>Journal of Cellular Biochemistry</i> , 2006 , 97, 735-43	4.7	8

44	Telomerase as a Therapeutic Target in Cardiovascular Disease. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2021 , 41, 1047-1061	9.4	8
43	Ink4/Arf locus restores glucose tolerance and insulin sensitivity by reducing hepatic steatosis and inflammation in mice with impaired IRS2-dependent signalling. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2015 , 1852, 1729-42	6.9	7
42	Inhibition of the cyclin D1/E2F pathway by PCA-4230, a potent repressor of cellular proliferation. <i>British Journal of Pharmacology</i> , 2001 , 132, 1597-605	8.6	7
41	Progression of Early Subclinical Atherosclerosis (PESA) Study: JACC Focus Seminar 7/8. <i>Journal of the American College of Cardiology</i> , 2021 , 78, 156-179	15.1	7
40	Age-dependent defective TGF-beta1 signaling in patients undergoing coronary artery bypass grafting. <i>Journal of Cardiothoracic Surgery</i> , 2014 , 9, 24	1.6	6
39	Optic nerve alterations in apolipoprotein E deficient mice. <i>European Journal of Ophthalmology</i> , 2003 , 13, 560-5	1.9	6
38	Inhibition of cellular proliferation by drug targeting of cyclin-dependent kinases. <i>Current Pharmaceutical Biotechnology</i> , 2000 , 1, 107-16	2.6	6
37	Vascular smooth muscle cell growth arrest on blockade of thrombospondin-1 requires p21(Cip1/WAF1). <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 1999 , 277, H1100-6	5.2	6
36	Myofibril-bound muscle phosphofructokinase is less sensitive to inhibition by ATP than the free enzyme, but retains its sensitivity to stimulation by bisphosphorylated hexoses. <i>International Journal of Biochemistry and Cell Biology</i> , 1996 , 28, 1179-84	5.6	6
35	Polr1b deficiency increases resistance to oxidative damage and delays liver aging. <i>PLoS ONE</i> , 2014 , 9, e93074	3.7	6
34	Isolation of Mouse Primary Aortic Endothelial Cells by Selection with Specific Antibodies. <i>Methods in Molecular Biology</i> , 2015 , 1339, 111-7	1.4	6
33	Identification of common cardiometabolic alterations and deregulated pathways in mouse and pig models of aging. <i>Aging Cell</i> , 2020 , 19, e13203	9.9	6
32	Electrocardiographic Abnormalities in Patients With Hutchinson-Gilford Progeria Syndrome. <i>JAMA Cardiology</i> , 2018 , 3, 1024-1025	16.2	5
31	Genetic variants in CCNB1 associated with differential gene transcription and risk of coronary in-stent restenosis. <i>Circulation: Cardiovascular Genetics</i> , 2014 , 7, 59-70		5
30	Targeting βsecretases protect against angiotensin II-induced cardiac hypertrophy. <i>Journal of Hypertension</i> , 2015 , 33, 843-50; discussion 850	1.9	5
29	Deletion or Inhibition of NOD1 Favors Plaque Stability and Attenuates Atherothrombosis in Advanced Atherogenesis. <i>Cells</i> , 2020 , 9,	7.9	5
28	Isoprenylcysteine Carboxylmethyltransferase-Based Therapy for Hutchinson-Gilford Progeria Syndrome. <i>ACS Central Science</i> , 2021 , 7, 1300-1310	16.8	5
27	Sorting nexin 6 enhances lamin a synthesis and incorporation into the nuclear envelope. <i>PLoS ONE</i> , 2014 , 9, e115571	3.7	4

26	Drug targeting of estrogen receptor signaling in the cardiovascular system: preclinical and clinical studies. <i>Current Medicinal Chemistry Cardiovascular and Hematological Agents</i> , 2004 , 2, 107-22		4
25	Atheroma development in apolipoprotein E-null mice is not affected by partial inactivation of PTEN. <i>Frontiers in Bioscience - Landmark</i> , 2006 , 11, 2739-45	2.8	4
24	Mechanisms of vascular aging: What can we learn from Hutchinson-Gilford progeria syndrome?. <i>Clínica E Investigación En Arteriosclerosis</i> , 2018 , 30, 120-132	1.4	3
23	Insulin receptor substrate-1 expression is increased in circulating leukocytes of patients with acute coronary syndrome. <i>ISRN Cardiology</i> , 2011 , 2011, 740585		3
22	Transcriptional profiling of early onset diet-induced atherosclerosis in apolipoprotein E-deficient mice. <i>Frontiers in Bioscience - Landmark</i> , 2005 , 10, 1932-45	2.8	3
21	Paclitaxel mitigates structural alterations and cardiac conduction system defects in a mouse model of Hutchinson-Gilford progeria syndrome. <i>Cardiovascular Research</i> , 2021 ,	9.9	3
20	Genomic instability in the naturally and prematurely aged myocardium. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	3
19	Targeting Tyrosine Hydroxylase for Abdominal Aortic Aneurysm: Impact on Inflammation, Oxidative Stress, and Vascular Remodeling. <i>Hypertension</i> , 2021 , 78, 681-692	8.5	3
18	Defective p27 phosphorylation at serine 10 affects vascular reactivity and increases abdominal aortic aneurysm development via Cox-2 activation. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 116, 5-15	5.8	2
17	Cyclin-dependent protein kinases as therapeutic targets in cardiovascular disease. <i>Expert Opinion on Therapeutic Patents</i> , 2003 , 13, 579-588	6.8	2
16	Cardiovascular Progerin Suppression and Lamin A Restoration Rescue Hutchinson-Gilford Progeria Syndrome. <i>Circulation</i> , 2021 , 144, 1777-1794	16.7	2
15	Premature Vascular Aging with Features of Plaque Vulnerability in an Atheroprone Mouse Model of Hutchinson-Gilford Progeria Syndrome with Deficiency. <i>Cells</i> , 2020 , 9,	7.9	2
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1	Isolation of Mouse Aortic RNA for Transcriptomics.. <i>Methods in Molecular Biology</i> , 2022 , 2419, 611-627	1.4	