

Molecular Regulation of Vascular Smooth Muscle Cell Disease

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Citation Report

#	ARTICLE	IF	CITATIONS
2	A G/C Element Mediates Repression of the SM22 β Promoter Within Phenotypically Modulated Smooth Muscle Cells in Experimental Atherosclerosis. <i>Circulation Research</i> , 2004, 95, 981-988.	2.0	127
3	L-type Voltage-Gated Ca ²⁺ Channels Modulate Expression of Smooth Muscle Differentiation Marker Genes via a Rho Kinase/Myocardin/SRF β -Dependent Mechanism. <i>Circulation Research</i> , 2004, 95, 406-414.	2.0	164
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5	Extracellular matrix gene expression in the developing mouse aorta. <i>Advances in Developmental Biology (Amsterdam, Netherlands)</i> , 2005, 15, 81-128.	0.4	23
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1830	Decreased collagen VI in the tunica media of pulmonary vessels during exposure to hypoxia: a novel step in pulmonary arterial remodeling. <i>Pulmonary Circulation</i> , 2019, 9, 204589401986074.	0.8	8
1831	Cell Biology of Vessels. , 2019, , 23-30.		0
1832	Comparison of Ca ²⁺ Handling for the Regulation of Vasoconstriction between Rat Coronary and Renal Arteries. <i>Journal of Vascular Research</i> , 2019, 56, 191-203.	0.6	3
1833	A facile method for fabricating a three-dimensional aligned fibrous scaffold for vascular application. <i>RSC Advances</i> , 2019, 9, 13054-13064.	1.7	2
1834	Generation of a Purified iPSC-Derived Smooth Muscle-like Population for Cell Sheet Engineering. <i>Stem Cell Reports</i> , 2019, 13, 499-514.	2.3	17
1835	A novel CD147 inhibitor, SP-8356, reduces neointimal hyperplasia and arterial stiffness in a rat model of partial carotid artery ligation. <i>Journal of Translational Medicine</i> , 2019, 17, 274.	1.8	17
1836	Spermatozoal mRNAs expression implicated in embryonic development were influenced by dietary folate supplementation of breeder roosters by altering spermatozoal piRNA expression profiles. <i>Theriogenology</i> , 2019, 138, 102-110.	0.9	5
1837	Role of DNA Methylation in the Development and Differentiation of Intestinal Epithelial Cells and Smooth Muscle Cells. <i>Journal of Neurogastroenterology and Motility</i> , 2019, 25, 377-386.	0.8	14
1838	Uterine spiral artery muscle dedifferentiation. <i>Human Reproduction</i> , 2019, 34, 1428-1438.	0.4	50
1839	RhoGDI stability is regulated by SUMOylation and ubiquitination via the AT1 receptor and participates in Ang II-induced smooth muscle proliferation and vascular remodeling. <i>Atherosclerosis</i> , 2019, 288, 124-136.	0.4	23
1840	Synthesis and characterization of electrospun nanofibrous tissue engineering scaffolds generated from in situ polymerization of ionomeric polyurethane composites. <i>Acta Biomaterialia</i> , 2019, 96, 161-174.	4.1	24
1841	Role of integrin-linked kinase in the hypoxia-induced phenotypic transition of pulmonary artery smooth muscle cells: Implications for hypoxic pulmonary hypertension. <i>Experimental Cell Research</i> , 2019, 382, 111476.	1.2	9
1842	The role of smooth muscle cells in plaque stability: Therapeutic targeting potential. <i>British Journal of Pharmacology</i> , 2019, 176, 3741-3753.	2.7	81
1843	MiR-9 promotes the phenotypic switch of vascular smooth muscle cells by targeting KLF5. <i>Turkish Journal of Medical Sciences</i> , 2019, 49, 928-938.	0.4	7
1844	Evaluation of a simple off-the-shelf bi-layered vascular scaffold based on poly(L-lactide-co-ε-caprolactone)/silk fibroin in vitro and in vivo. <i>International Journal of Nanomedicine</i> , 2019, Volume 14, 4261-4276.	3.3	37
1845	Knockdown of GC binding factor 2 by RNA interference inhibits invasion and migration of vascular smooth muscle cells. <i>Molecular Medicine Reports</i> , 2019, 20, 1781-1789.	1.1	0
1846	Tissue-Specific miRNAs Regulate the Development of Thoracic Aortic Aneurysm: the Emerging Role of KLF4 Network. <i>Journal of Clinical Medicine</i> , 2019, 8, 1609.	1.0	18
1847	Review of the Essential Roles of SMCs in ATAA Biomechanics. , 2019, , 95-114.		3

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1849	miR-4735-3p regulates phenotypic modulation of vascular smooth muscle cells by targeting HIF-1 α -mediated autophagy in intracranial aneurysm. <i>Journal of Cellular Biochemistry</i> , 2019, 120, 19432-19441.	1.2	9
1850	Alterations in phenotype and gene expression of adult human aneurysmal smooth muscle cells by exogenous nitric oxide. <i>Experimental Cell Research</i> , 2019, 384, 111589.	1.2	15
1851	Transcription Factors Targeted by miRNAs Regulating Smooth Muscle Cell Growth and Intimal Thickening after Vascular Injury. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5445.	1.8	14
1852	Mesenchymal Regulation of the Microvascular Niche in Chronic Lung Diseases. , 2019, 9, 1431-1441.		2
1853	Shp2 in myocytes is essential for cardiovascular and neointima development. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 137, 71-81.	0.9	5
1854	PEGylated Polyethylenimine Derivative-Mediated Local Delivery of the shSmad3 Inhibits Intimal Thickening after Vascular Injury. <i>BioMed Research International</i> , 2019, 2019, 1-15.	0.9	3
1855	Magnesium lithospermate B prevents phenotypic transformation of pulmonary arteries in rats with hypoxic pulmonary hypertension through suppression of NADPH oxidase. <i>European Journal of Pharmacology</i> , 2019, 847, 32-41.	1.7	25
1856	Hydrogen bond enables highly efficient and stable two-dimensional perovskite solar cells based on 4-pyridine-ethylamine. <i>Organic Electronics</i> , 2019, 67, 122-127.	1.4	22
1857	<p>Salvage living donor liver transplantation for posthepatectomy recurrence: a higher incidence of recurrence but promising strategy for long-term survival</p>. <i>Cancer Management and Research</i> , 2019, Volume 11, 7295-7305.	0.9	6
1858	Identification of the intermediate filament protein synemin/SYNM as a target of myocardin family coactivators. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C1128-C1142.	2.1	14
1859	Single-Cell Transcriptomic Map of the Human and Mouse Bladders. <i>Journal of the American Society of Nephrology: JASN</i> , 2019, 30, 2159-2176.	3.0	90
1860	A Secreted Phospholipase A2 Induces Formation of Smooth Muscle Foam Cells Which Transdifferentiate to Macrophage-Like State. <i>Molecules</i> , 2019, 24, 3244.	1.7	18
1861	Role of polypyrimidine tract-binding protein 1/yin yang 2 signaling in regulating vascular smooth muscle cell proliferation and neointima hyperplasia. <i>Toxicology and Applied Pharmacology</i> , 2019, 383, 114747.	1.3	11
1862	Interstitial cells in calcified aortic valves have reduced differentiation potential and stem cell-like properties. <i>Scientific Reports</i> , 2019, 9, 12934.	1.6	30
1863	Thymine DNA glycosylase is a key regulator of CaMKII β expression and vascular smooth muscle phenotype. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 317, H969-H980.	1.5	4
1864	Cortistatin, a novel cardiovascular protective peptide. <i>Cardiovascular Diagnosis and Therapy</i> , 2019, 9, 394-399.	0.7	9
1865	Kinetic studies of K-Cl cotransport in cultured rat vascular smooth muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C274-C284.	2.1	8

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1866	Substantial Dysregulation of miRNA Passenger Strands Underlies the Vascular Response to Injury. <i>Cells</i> , 2019, 8, 83.	1.8	10
1867	CTGF regulates cyclic stretch-induced vascular smooth muscle cell proliferation via microRNA-19b-3p. <i>Experimental Cell Research</i> , 2019, 376, 77-85.	1.2	21
1868	An integrative systems approach identifies novel candidates in Marfan syndrome-related pathophysiology. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 2526-2535.	1.6	17
1869	Dedicator of cytokinesis 2 silencing therapy inhibits neointima formation and improves blood flow in rat vein grafts. <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 128, 134-144.	0.9	6
1870	Phosphorylated proteomics analysis of human coronary artery endothelial cells stimulated by Kawasaki disease patients serum. <i>BMC Cardiovascular Disorders</i> , 2019, 19, 21.	0.7	7
1871	Visible-light-initiated Sonogashira coupling reactions over CuO/TiO ₂ nanocomposites. <i>Catalysis Science and Technology</i> , 2019, 9, 377-383.	2.1	28
1872	Differentiating human pluripotent stem cells into vascular smooth muscle cells in three dimensional thermoreversible hydrogels. <i>Biomaterials Science</i> , 2019, 7, 347-361.	2.6	7
1873	Long Non-coding RNAs in Vascular Health and Disease. , 2019, , 151-179.		0
1874	The pseudogene PTENP1 regulates smooth muscle cells as a competing endogenous RNA. <i>Clinical Science</i> , 2019, 133, 1439-1455.	1.8	26
1875	Sildenafil Reduces Neointimal Hyperplasia after Angioplasty and Inhibits Platelet Aggregation via Activation of cGMP-dependent Protein Kinase. <i>Scientific Reports</i> , 2019, 9, 7769.	1.6	25
1876	Role of Vascular Smooth Muscle Cell Phenotypic Switching and Calcification in Aortic Aneurysm Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1351-1368.	1.1	203
1877	Single-Cell Analysis of the Normal Mouse Aorta Reveals Functionally Distinct Endothelial Cell Populations. <i>Circulation</i> , 2019, 140, 147-163.	1.6	231
1878	Using Epigenetics as a Pharmacological Tool in Heart Regeneration. , 2019, , 287-307.		0
1879	Association between aortic telomere length and cardiac post-transplant allograft function. <i>International Journal of Cardiology</i> , 2019, 290, 129-133.	0.8	2
1880	Metabolic reprogramming in atherosclerosis: Opposed interplay between the canonical WNT/ β -catenin pathway and PPAR γ . <i>Journal of Molecular and Cellular Cardiology</i> , 2019, 133, 36-46.	0.9	29
1881	Vascular Smooth Muscle Cells Contribute to Atherosclerosis Immunity. <i>Frontiers in Immunology</i> , 2019, 10, 1101.	2.2	61
1883	TRPC6 regulates phenotypic switching of vascular smooth muscle cells through plasma membrane potential-dependent coupling with PTEN. <i>FASEB Journal</i> , 2019, 33, 9785-9796.	0.2	27
1884	Maternal High-Sucrose Diet Accelerates Vascular Stiffness in Aged Offspring via Suppressing Ca v 1.2 and Contractile Phenotype of Vascular Smooth Muscle Cells. <i>Molecular Nutrition and Food Research</i> , 2019, 63, 1900022.	1.5	6

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1886	NFATc1-E2F1-LMCD1-Mediated IL-33 Expression by Thrombin Is Required for Injury-Induced Neointima Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 1212-1226.	1.1	25
1887	A Human Pluripotent Stem Cell-Based Screen for Smooth Muscle Cell Differentiation and Maturation Identifies Inhibitors of Intimal Hyperplasia. <i>Stem Cell Reports</i> , 2019, 12, 1269-1281.	2.3	23
1888	RhoA inhibitor-eluting stent attenuates restenosis by inhibiting YAP signaling. <i>Journal of Vascular Surgery</i> , 2019, 69, 1581-1589.e1.	0.6	10
1889	MicroRNA26 attenuates vascular smooth muscle maturation via endothelial BMP signalling. <i>PLoS Genetics</i> , 2019, 15, e1008163.	1.5	8
1890	Nuclear Focal Adhesion Kinase Controls Vascular Smooth Muscle Cell Proliferation and Neointimal Hyperplasia Through GATA4-Mediated Cyclin D1 Transcription. <i>Circulation Research</i> , 2019, 125, 152-166.	2.0	47
1891	Collagen hollow structure for bladder tissue engineering. <i>Materials Science and Engineering C</i> , 2019, 102, 228-237.	3.8	9
1892	Optimization of Electrospun Poly(caprolactone) Fiber Diameter for Vascular Scaffolds to Maximize Smooth Muscle Cell Infiltration and Phenotype Modulation. <i>Polymers</i> , 2019, 11, 643.	2.0	31
1893	Is there a role for autophagy in ascending aortopathy associated with tricuspid or bicuspid aortic valve?. <i>Clinical Science</i> , 2019, 133, 805-819.	1.8	2
1894	The role of hemodynamics in bicuspid aortopathy: a histopathologic study. <i>Cardiovascular Pathology</i> , 2019, 41, 29-37.	0.7	23
1895	The expanded roles of Sertoli cells: lessons from Sertoli cell ablation models. <i>Current Opinion in Endocrine and Metabolic Research</i> , 2019, 6, 42-48.	0.6	7
1896	Effects of Blast-induced Neurotrauma on Pressurized Rodent Middle Cerebral Arteries. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	5
1897	Transcription factor TEAD1 is essential for vascular development by promoting vascular smooth muscle differentiation. <i>Cell Death and Differentiation</i> , 2019, 26, 2790-2806.	5.0	30
1898	Hippo and Hyperplasia. <i>Circulation Research</i> , 2019, 124, 1282-1284.	2.0	3
1899	Quantitative Analysis of Intracellular Ca ²⁺ Release and Contraction in hiPSC-Derived Vascular Smooth Muscle Cells. <i>Stem Cell Reports</i> , 2019, 12, 647-656.	2.3	15
1900	MicroRNAs in brain development and cerebrovascular pathophysiology. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 317, C3-C19.	2.1	36
1901	Rab7-mediated autophagy regulates phenotypic transformation and behavior of smooth muscle cells via the Ras/Raf/MEK/ERK signaling pathway in human aortic dissection. <i>Molecular Medicine Reports</i> , 2019, 19, 3105-3113.	1.1	10
1902	Cyclic nucleotide signalling compartmentation by PDEs in cultured vascular smooth muscle cells. <i>British Journal of Pharmacology</i> , 2019, 176, 1780-1792.	2.7	20

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1904	MicroRNA-92a promotes vascular smooth muscle cell proliferation and migration through the ROCK/MLCK signalling pathway. <i>Journal of Cellular and Molecular Medicine</i> , 2019, 23, 3696-3710.	1.6	31
1905	Photoelasticity-based evaluation of cellular contractile force for phenotypic discrimination of vascular smooth muscle cells. <i>Scientific Reports</i> , 2019, 9, 3960.	1.6	14
1906	Long non-coding RNA CASC2 suppresses pulmonary artery smooth muscle cell proliferation and phenotypic switch in hypoxia-induced pulmonary hypertension. <i>Respiratory Research</i> , 2019, 20, 53.	1.4	35
1907	Quantitative Analysis of Cellular Composition in Advanced Atherosclerotic Lesions of Smooth Muscle Cell Lineage-Tracing Mice. <i>Journal of Visualized Experiments</i> , 2019, , .	0.2	1
1908	HMGB1 enhances AGE-mediated VSMC proliferation via an increase in 5-LO-linked RAGE expression. <i>Vascular Pharmacology</i> , 2019, 118-119, 106559.	1.0	13
1909	Sulfur Dioxide Activates Cl-/HCO ₃ - Exchanger via Sulphenylating AE2 to Reduce Intracellular pH in Vascular Smooth Muscle Cells. <i>Frontiers in Pharmacology</i> , 2019, 10, 313.	1.6	8
1910	Spontaneous differentiation of periodontal ligament stem cells into myofibroblast during ex vivo expansion. <i>Journal of Cellular Physiology</i> , 2019, 234, 20377-20391.	2.0	11
1911	Amlodipine induces vasodilation via Akt2/Sp1-activated miR-21 in smooth muscle cells. <i>British Journal of Pharmacology</i> , 2019, 176, 2306-2320.	2.7	17
1912	Marsdenia tenacissima extract dilated small mesenteric arteries via stimulating endothelial nitric oxide synthase and inhibiting calcium influx. <i>Journal of Ethnopharmacology</i> , 2019, 238, 111847.	2.0	4
1913	Pericytes in Skeletal Muscle. <i>Advances in Experimental Medicine and Biology</i> , 2019, 1122, 59-72.	0.8	5
1914	Quantifying Ca ²⁺ signaling and contraction in vascular pericytes and smooth muscle cells. <i>Biochemical and Biophysical Research Communications</i> , 2019, 513, 112-118.	1.0	9
1915	Cell-Specific Effects of GATA (GATA Zinc Finger Transcription Factor Family)-6 in Vascular Smooth Muscle and Endothelial Cells on Vascular Injury Neointimal Formation. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 888-901.	1.1	19
1916	MicroRNA-134-5p Regulates Media Degeneration through Inhibiting VSMC Phenotypic Switch and Migration in Thoracic Aortic Dissection. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 16, 284-294.	2.3	44
1917	Alkaloids from Nelumbinis Plumula (AFNP) ameliorate aortic remodeling via RhoA/ROCK pathway. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108651.	2.5	16
1918	Therapeutic Targeting of the Proinflammatory IL-6-JAK/STAT Signalling Pathways Responsible for Vascular Restenosis in Type 2 Diabetes Mellitus. <i>Cardiology Research and Practice</i> , 2019, 2019, 1-15.	0.5	50
1919	ORAI channels in cellular remodeling of cardiorespiratory disease. <i>Cell Calcium</i> , 2019, 79, 1-10.	1.1	27
1920	MicroRNA-365 promotes the contractile phenotype of venous smooth muscle cells and inhibits neointimal formation in rat vein grafts. <i>IUBMB Life</i> , 2019, 71, 908-916.	1.5	6

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1921	Single-Cell Transcriptome Analysis Maps the Developmental Track of the Human Heart. <i>Cell Reports</i> , 2019, 26, 1934-1950.e5.	2.9	355
1922	Anti-proliferative and anti-migratory effects of <i>Scutellaria strigillosa</i> Hemsley extracts against vascular smooth muscle cells. <i>Journal of Ethnopharmacology</i> , 2019, 235, 155-163.	2.0	14
1923	The Boneâ€”Vasculature Axis: Calcium Supplementation and the Role of Vitamin K. <i>Frontiers in Cardiovascular Medicine</i> , 2019, 6, 6.	1.1	36
1924	TEAD1 (TEA Domain Transcription Factor 1) Promotes Smooth Muscle Cell Proliferation Through Upregulating SLC1A5 (Solute Carrier Family 1 Member 5)-Mediated Glutamine Uptake. <i>Circulation Research</i> , 2019, 124, 1309-1322.	2.0	57
1925	Differentiation of CD45â€”/CD31+ lung side population cells into endothelial and smooth muscle cells in vitro. <i>International Journal of Molecular Medicine</i> , 2019, 43, 1128-1138.	1.8	8
1926	Long non-coding RNA-SRA promotes neointimal hyperplasia and vascular smooth muscle cells proliferation via MEK-ERK-CREB pathway. <i>Vascular Pharmacology</i> , 2019, 116, 16-23.	1.0	19
1927	Spatially selective myosin regulatory light chain regulation is absent in dedifferentiated vascular smooth muscle cells but is partially induced by fibronectin and Klf4. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C509-C521.	2.1	13
1928	Vascular smooth muscle-MAPK14 is required for neointimal hyperplasia by suppressing VSMC differentiation and inducing proliferation and inflammation. <i>Redox Biology</i> , 2019, 22, 101137.	3.9	46
1929	7-O-methylpunctatin, a Novel Homoisoflavonoid, Inhibits Phenotypic Switch of Human Arteriolar Smooth Muscle Cells. <i>Biomolecules</i> , 2019, 9, 716.	1.8	8
1930	Ending Restenosis: Inhibition of Vascular Smooth Muscle Cell Proliferation by cAMP. <i>Cells</i> , 2019, 8, 1447.	1.8	37
1931	The Role of Vascular Smooth Muscle Cells in Arterial Remodeling: Focus on Calcification-Related Processes. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5694.	1.8	166
1932	MiR-93 regulates vascular smooth muscle cell proliferation, and neointimal formation through targeting Mfn2. <i>International Journal of Biological Sciences</i> , 2019, 15, 2615-2626.	2.6	52
1933	Role of the Balance of Akt and MAPK Pathways in the Exercise-Regulated Phenotype Switching in Spontaneously Hypertensive Rats. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5690.	1.8	24
1934	Mechanical contribution of vascular smooth muscle cells in the tunica media of artery. <i>Nanotechnology Reviews</i> , 2019, 8, 50-60.	2.6	20
1935	Exploration of Physiological and Pathophysiological Implications of miRNA-143 and miRNA-145 in Cerebral Arteries. <i>Journal of Cardiovascular Pharmacology</i> , 2019, 74, 409-419.	0.8	3
1936	Potential Therapeutic Strategies for Intracranial Aneurysms Targeting Aneurysm Pathogenesis. <i>Frontiers in Neuroscience</i> , 2019, 13, 1238.	1.4	18
1937	Leiomyosarcomas: whole genome sequencing for a whole biology characterization. <i>Current Opinion in Oncology</i> , 2019, 31, 317-321.	1.1	7
1938	Myocardin and Kv1 Channels. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 2454-2456.	1.1	2

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1939	Downregulation of miR-542-3p promotes osteogenic transition of vascular smooth muscle cells in the aging rat by targeting BMP7. <i>Human Genomics</i> , 2019, 13, 67.	1.4	25
1940	TCF7L2 (Transcription Factor 7-Like 2) Regulation of GATA6 (GATA-Binding Protein 6)-Dependent and -Independent Vascular Smooth Muscle Cell Plasticity and Intimal Hyperplasia. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, 250-262.	1.1	26
1941	Semaphorin-3A protects against neointimal hyperplasia after vascular injury. <i>EBioMedicine</i> , 2019, 39, 95-108.	2.7	19
1942	Engineered Microenvironment for Manufacturing Human Pluripotent Stem Cell-Derived Vascular Smooth Muscle Cells. <i>Stem Cell Reports</i> , 2019, 12, 84-97.	2.3	25
1943	Elucidating the contributory role of microRNA to cardiovascular diseases (a review). <i>Vascular Pharmacology</i> , 2019, 114, 31-48.	1.0	42
1944	Central artery stiffness and thoracic aortopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2019, 316, H169-H182.	1.5	44
1945	Clinical Epidemiology: Detrusor Voiding Contraction Maximum Power, Related to Ageing. <i>Urology</i> , 2019, 124, 72-77.	0.5	6
1946	Melatonin attenuates bisphenol A-induced toxicity of the adrenal gland of Wistar rats. <i>Environmental Science and Pollution Research</i> , 2019, 26, 5971-5982.	2.7	20
1947	Myocardin Is Involved in Mesothelial to Mesenchymal Transition of Human Pleural Mesothelial Cells. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2019, 61, 86-96.	1.4	16
1948	Autophagy is involved in the differentiation of epicardial progenitor cells into vascular smooth muscle cells in mice. <i>Experimental Cell Research</i> , 2019, 375, 60-71.	1.2	1
1949	Biochemical Myogenic Differentiation of Adipogenic Stem Cells Is Donor Dependent and Requires Sound Characterization. <i>Tissue Engineering - Part A</i> , 2019, 25, 936-948.	1.6	8
1950	PI3K β (Phosphoinositide 3-Kinase β) Regulates Vascular Smooth Muscle Cell Phenotypic Modulation and Neointimal Formation Through CREB (Cyclic AMP-Response Element Binding Protein)/YAP (Yes-Associated Protein) Signaling. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2019, 39, e91-e105.	1.1	28
1951	A novel endovenous scaffold for the treatment of chronic venous obstruction in a porcine model: Histological and ultrastructural assessment. <i>Phlebology</i> , 2019, 34, 336-346.	0.6	1
1952	Glycoprotein M6B Interacts with T β RI to Activate TGF- β -Smad2/3 Signaling and Promote Smooth Muscle Cell Differentiation. <i>Stem Cells</i> , 2019, 37, 190-201.	1.4	19
1953	Deletion of IP3R1 by Pdgfrb-Cre in mice results in intestinal pseudo-obstruction and lethality. <i>Journal of Gastroenterology</i> , 2019, 54, 407-418.	2.3	11
1954	Effects of blocking integrin β 1 and N-cadherin cellular interactions on mechanical properties of vascular smooth muscle cells. <i>Journal of Biomechanics</i> , 2019, 82, 337-345.	0.9	9
1955	Role of miR-223-3p in pulmonary arterial hypertension via targeting ITGB3 in the ECM pathway. <i>Cell Proliferation</i> , 2019, 52, e12550.	2.4	46
1956	Platelet-endothelial cell interactions modulate smooth muscle cell phenotype in an in vitro model of type 2 diabetes mellitus. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C186-C197.	2.1	9

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1957	LMO7 Is a Negative Feedback Regulator of Transforming Growth Factor $\hat{1}^2$ Signaling and Fibrosis. <i>Circulation</i> , 2019, 139, 679-693.	1.6	63
1958	Circ_Lrp6, a Circular RNA Enriched in Vascular Smooth Muscle Cells, Acts as a Sponge Regulating miRNA-145 Function. <i>Circulation Research</i> , 2019, 124, 498-510.	2.0	140
1959	Liraglutide inhibited AGEs induced coronary smooth muscle cell phenotypic transition through inhibiting the NF- $\hat{1}$ B signal pathway. <i>Peptides</i> , 2019, 112, 125-132.	1.2	10
1960	Inflammatory Smooth Muscle Cells Induce Endothelial Cell Alterations to Influence Cerebral Aneurysm Progression via Regulation of Integrin and VEGF Expression. <i>Cell Transplantation</i> , 2019, 28, 713-722.	1.2	20
1961	Inhibitory effects of cycloastragenol on abdominal aortic aneurysm and its related mechanisms. <i>British Journal of Pharmacology</i> , 2019, 176, 282-296.	2.7	34
1962	Target identification for the diagnosis and intervention of vulnerable atherosclerotic plaques beyond 18F-fluorodeoxyglucose positron emission tomography imaging: promising tracers on the horizon. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2019, 46, 251-265.	3.3	25
1963	MicroRNA-146a sponge therapy suppresses neointimal formation in rat vein grafts. <i>IUBMB Life</i> , 2019, 71, 125-133.	1.5	6
1964	Magnesium ion leachables induce a conversion of contractile vascular smooth muscle cells to an inflammatory phenotype. <i>Journal of Biomedical Materials Research - Part B Applied Biomaterials</i> , 2019, 107, 988-1001.	1.6	12
1965	TR $\hat{1}$ inhibits arterial renin-angiotensin system expression and prevents cholesterol accumulation in vascular smooth muscle cells. <i>Annales D'Endocrinologie</i> , 2019, 80, 89-95.	0.6	7
1966	LncRNAs in vascular biology and disease. <i>Vascular Pharmacology</i> , 2019, 114, 145-156.	1.0	133
1967	Forkhead box M1 transcription factor: a novel target for pulmonary arterial hypertension therapy. <i>World Journal of Pediatrics</i> , 2020, 16, 113-119.	0.8	4
1968	TSPO ligands prevent the proliferation of vascular smooth muscle cells and attenuate neointima formation through AMPK activation. <i>Acta Pharmacologica Sinica</i> , 2020, 41, 34-46.	2.8	9
1969	Sodium nitroprusside attenuates hyperproliferation of vascular smooth muscle cells from spontaneously hypertensive rats through the inhibition of overexpression of AT1 receptor, cell cycle proteins, and c-Src/growth factor receptor signaling pathways. <i>Canadian Journal of Physiology and Pharmacology</i> , 2020, 98, 35-43.	0.7	8
1970	Transcriptional and epigenetic regulation of macrophages in atherosclerosis. <i>Nature Reviews Cardiology</i> , 2020, 17, 216-228.	6.1	185
1971	Thermal gelation modeling of a pluronic $\hat{1}$ alginate blend following coronary angioplasty. <i>Journal of Applied Polymer Science</i> , 2020, 137, 48539.	1.3	2
1972	Layer-specific cell differentiation in bi-layered vascular grafts under flow perfusion. <i>Biofabrication</i> , 2020, 12, 015009.	3.7	43
1973	Redox control of vascular biology. <i>BioFactors</i> , 2020, 46, 246-262.	2.6	15
1974	Prenatal metyrapone treatment modulates neonatal cerebrovascular structure, function, and vulnerability to mild hypoxic-ischemic injury. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 318, R1-R16.	0.9	1

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1976	Lysine acetyltransferases and lysine deacetylases as targets for cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2020, 17, 96-115.	6.1	143
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2003	Exosomal LINC01005 derived from oxidized low-density lipoprotein-treated endothelial cells regulates vascular smooth muscle cell phenotypic switch. <i>BioFactors</i> , 2020, 46, 743-753.	2.6	25
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